STATISTICS OF OCEANOGRAPHIC DATA BASED ON HYDROGRAPHIC/STD CASTS MADE AT STATIONS 7 THROUGH 12 ALONG LINE P DURING JANUARY 1959 THROUGH JUNE 1981

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Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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1986

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ABSTRACT

Tabata, S. and J. L. Peart. 1986. Statistics of oceanographic data based on hydrographic/STD casts made at Stations 7 through 12 along Line P during January 1959 through June 1981. Can. Data Rep. Hydrogr. Ocean Sci. 43:402

Hydrographic and STD casts were made at 6 to 12 stations along Line P for approximately 22½ years (January 1959 - June 1981). Subsequent to April 1959 and until the end of the program the Line was occupied at approximately 6-week intervals. Primarily because of inclement weather or of ship-scheduling difficulties, some lines of stations were not occupied. This publication presents some statistics of the data obtained from Stations 7 through 12 of the 12 Line P stations.

The water properties and parameters considered for analysis are: temperature, salinity, oxyty, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height (relative to the surface and to the 1000-decibar level), potential energy (relative to the surface), sound speed and acceleration potential (relative to the 1000-decibar level). The statistics for these quantities (mean, standard deviation, maximum and minimum values and number of observations) are presented in two main groups. In one, values at each "standard" pressure level (0, 10, 20, ..., 3500 decibars) are provided; in the second, information on σ_t-surfaces, at intervals of 0.2 unit (24.0, 24.2, ..., 27.6) is given. Both "overall" (using all the data) and monthly statistics are presented.

key words: North Pacific Ocean, open-ocean time-series, hydrographic/STD data, open climatology.

RÉSUMÉ

Tabata, S. and J. L. Peart. 1986. Statistics of oceanographic data based on hydrographic/STD casts made at Stations 7 through 12 along Line P during January 1959 through June 1981. Can. Data Rep. Hydrogr. Ocean Sci. 43:402

Des relevés de paramètres hydrographiques et STP ont été effectués pendant 22 ans et demi (janvier 1959 à juin 1981) à six à douze stations situées le long de la ligne P. D'avril 1959 jusqu'à la fin du programme, la ligne a été occupée à intervalles d'environ six semaines. En raison surtout de mauvais temps et de difficultés de calendriers d'utilisation des navires, certaines lignes de stations n'ont pas été occupées. La présente publication contient des statistiques relatives aux données obtenues aux stations 7 à 12 des 12 stations de la ligne P.

Les analyses de l'eau ont porté sur les propriétés et paramètres suivants: température, salinité, teneur en oxygène, σ_t, anomalie du volume massique, température potentielle, anomalie du volume massique "potentiel," hauteur dynamique (par rapport à la surface et au niveau des 1000 décibars), énergie potentielle (par rapport à la surface), vitesse du son et potentiel d'accélération (par rapport au niveau des 1000 décibars). Les paramètres statistiques de ces quantitiés (moyenne, écart-type, valeurs maximales et minimales et nombres d'observations) sont présentés en deux groupes principaux. Le premier comprend les valeurs à chaque niveau de pression "standard" (0, 10, 20, ..., 3500 décibars) et le second des informations sur les σ_t des surfaces à intervalles de 0.2 unité (24.0, 24.2, ..., 27.6). On y présente aussi des statistiques "globales" (basées sur toutes les données) et mensuelles.

Mots-clés: Océan Pacifique nord, sèries chronologiques en haute mer, données hydrographiques et STP, climatologie océanique.

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A large number of personnel were associated with the field-work portion of the oceanographic program at Station P and Line P, from inception in 1956 to termination in 1981. Their names are listed below; excluded are any personnel who participated to obtain specialized observations such as those associated with air-sea interaction studies, bird counts, etc. Captains J. A. Sleight and F. G. Nesbit, masters of St. Catharines, also contributed greatly to the success of the observational program.

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Masters: Linggard, J. H., J. Strand, and F. Ali.

Crew of C.C.G.S. Quadra (7)
Masters: Dykes, A. A. R., J. C. Lennie, and R. H. Ferguson.

Crew of C.S.S. Parizeau (1)
Master: Chamberlain, A.

An asterisk before a name signifies that the individual is still active in oceanography, or related disciplines in 1985. The bracketed number following an individual's name denotes the number of cruises made; that after a ship's name denotes the number of cruises in which the ship's crew carried out the observations. The abbreviation "(uc)" signifies personnel working under contract.

Among the many who participated in data processing and basic analyses were: H. J. Hollister and M. C. Cairns in the 1950s and 1960s; D. B. Smith, L. Kuwahara and K. Abbott-Smith in the 1970s; and J. Linguanti, B. J. Minkley, C. de Jong, P. M. Kimber and D. Ramsden during the past several years. Dr. L. F. Giovando reviewed the manuscript.

Without the efforts of the personnel mentioned above and those of others who assisted in some way with the observations, data processing and analyses, the compilation of the Line P time-series would not have been possible. To all these people, particularly those who made frequent cruises and to Dr. J. P. Tully, formerly Oceanographer-in-Charge of the Pacific Oceanographic Group (Fisheries Research Board of Canada), who had the courage and foresight to initiate this program - we owe our tribute, gratitude and appreciation.

INTRODUCTION

In April 1959, a program of oceanographic observations along a line extending from a point off the southern coast of British Columbia (48°34'N, 125°30'W) to Ocean Station P (50°00'N, 145°00'W) was initiated by the then Pacific Oceanographic Group of the Fisheries Research Board of Canada (Line P - Figure 1). Originally 6 hydrographic stations (not including Station P), spaced approximately 200 kilometres (km) apart, were occupied at 6-week intervals by the Canadian weathership C.C.G.S. St. Catharines (Figure 2a) while this vessel was en route to and from Station P. The number of stations along the Line was increased to 7 in May 1961, 8 in February 1962, 10 in August 1962 and finally 12 in August 1964 (Figure 1). The particulars for these 12 stations are shown in Table 1.

In 1967 two specially-designed weatherships, C.C.G.S. Vancouver and C.C.G.S. Quadra (Figure 3) were put into service, the former in April and the latter in October. These vessels replaced the older ships C.C.G.S. St. Catharines and C.C.G.S. Stonetown (Figure 2). However, only the Vancouver occupied the oceanographic stations along the Line initially. Quadra commenced observations in May 1969 and thereafter both ships occupied the stations.

In addition to the hydrographic/STD casts observations by bathythermographs (both the mechanical and the expendable types) were made along the Line, either at 2-3 hour intervals or at every one degree of longitude. However, the present report does not deal with these data. They are archived at the Marine Environmental Data Services Branch (MEDS) of the Department of Fisheries and Oceans (at 1202 - 200 Kent Street, Ottawa, Ontario, Canada, K1A 0E6).

From time to time research vessels not specifically assigned to duty at Station P have occupied the Line. For example, one of the earliest series of observations was made by C.N.A.V. Oshawa during January 1959, three months before St. Catharines commenced the program. C.S.S. Parizeau occupied the Line several times during 1974 as a substitute for Quadra, which had been assigned to the GARP Atlantic Tropical Experiment (GATE). A total of 18 cruises were made by these vessels, 6 of them in 1961. Data from these cruises are included in this Line P data set.

Due mainly to inclement weather or ship-scheduling difficulties some lines of stations were not observed.

DATA RECORD

The physical oceanographic data taken along Line P by the Canadian weatherships and research ships have been published in a variety of reports. Representative references are given by the following:

Pacific Oceanographic Group, 1959
Dodimead et al., 1960
Tabata et al., 1960
Canadian Oceanographic Data Centre, 1965
Collins et al., 1969
de Jong et al., 1971 and
Institute of Ocean Sciences, 1981.

All available data are archived at MEDS. However, not all data have been used in the compilation of statistics to be described. Firstly, only the observations made within 30 km of the prescribed positions of Stations 3 through 12, and within 15 km of those of Stations 1 and 2 (Table 1), were utilized. Secondly, data determined by us to be of questionable quality have been removed from the present data set. The entire STD data from three lines in 1979 (5-8 January, 12-14 February and 16-18 June) have been eliminated. Of the remainder, a total of 12 STD casts (4 from 21 May 1969, 1 from 13 September 1976, 2 from 17 September 1976, 1 from 22 October 1977, 2 from 6 December 1977 and 2 from 7 May 1978) have been rejected outright. These 12 casts include less than 1% of these remaining data.

We have carefully edited the data, and believe that most of the errors were eliminated before statistics were calculated. We suspect, however, that there may still be some errors, such as those resulting from the use of slowly-leaking sampling bottles or slight drift in the STD system used, that have not been detected unambiguously. As an example, in a recent publication on the statistics of Station P data (Tabata and Peart, 1985) it will be noted that the standard deviations of salinity and oxyty (dissolved oxygen content) for pressures (depths) greater than 3000 decibars are frequently greater than those for 2500 decibars. We believe that this characteristic is attributable to problems with sampling bottles, as mentioned above. They are, nevertheless, difficult to "correct." Pending further clarification, the data involved have therefore been accepted as usable.

The present report is a supplement to the many data records that have already been published. It deals only with the data from Stations 7, 8, 9, 10, 11 and 12 of Line P.

STATISTICS

The properties and parameters of water selected for the compilation of statistics presented here are: temperature, salinity, oxyty, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height relative to the surface, dynamic height relative to the 1000-decibar level, potential energy relative to the surface, sound speed, depth of σ_t-surfaces and acceleration potential relative to the 1000-decibar level. For each parameter, the mean, standard deviation, maximum and minimum values, and the number of observations at each "standard" pressure level (0, 10, 20, ..., 3500 decibars) and on each σ_t-surface at 0.2 unit intervals (24.0, 24.2, ..., 27.6) have been tabulated. They are based on hydrographic and STD data obtained at Stations 7 through 12 during the 22½-year period from January 1959 through June 1981.

Statistics based on all the data, as well as those based on data for each month, are presented. The abbreviations for, and units of, variables used are given in Table 2. Tables 3 and 4 show, for Station 7, the statistics at standard pressures using all data and data for each month, respectively. Tables 5 and 6 indicate, for the same Station, the corresponding quantities on σ_t-surfaces. Similar information for Stations 8, 9, 10, 11 and 12 are shown in Tables 7-10, 11-14, 15-18, 19-22 and 23-26, respectively.

It is to be noted that for low σ_t values (< 26.2) the statistics for water properties or parameters using all data do not reflect the true statistical character of the water. The reason is that during winter the upper layers of the northeast Pacific Ocean invariably attain a density sufficiently great that water with σ_t less than 26.2 does not exist at that time.

Unlike the statistics derived from Station P, which are based on data taken regularly over the 25-year period involved, those for some of the Line P stations are biased because of gaps in their time-series record. For instance, there are no data available at Stations 1 and 2 for 4 years (1960 through 1963). Very few data are available for the entire Line during mid-1966 to mid-1968, and for November of any year.

The above statistics have been used as a basis for the compilation of two other sets. One consists of data lying within 3 standard deviations, and the other, of those lying within 2 standard deviations, of the means derived here. These sets will not be published, but will be kept on file at the Institute of Ocean Sciences. Photocopies of these can be made available upon request.

EPILOGUE

With the withdrawal of the weatherships from service in mid-1981, the program of regular oceanographic observations at Station P and Line P was terminated. However, the Institute maintains a small program by which it is possible to occupy Station P and the Line a few times each year. From June 1981 to the end of 1984, 16 cruises, each of approximately 2-week duration, were made. Data taken from these will be reported subsequently in the "Canadian Data Report of Hydrography and Ocean Sciences" series or in other appropriate publications.

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Institute of Ocean Sciences. 1981. Oceanographic Observations at Ocean Station P, 11 January 1980 - 25 June 1981. Pacific Marine Science Report 81-24 (Part 1 and Part 2), 66 pp. and microfiches.

Pacific Oceanographic Group. 1959. Physical and Chemical Data Record, North Pacific Surveys, January 20 to February 15, 1959. Fish. Res. Bd. Canada, Manuscript Rept. Series (Oceanogr. and Limnol.) No. 43, 86 pp.

Tabata, S., C. D. McAllister, D. G. Robertson, and H. J. Hollister. 1960. Data Record Ocean Weather Station "P" (Latitude 50°00'N, Longitude 145°00'W), January 21 - November 24, 1959. Fish. Res. Bd. Canada, Manuscript Rept. Series (Oceanogr. and Limnol.) No. 59, 166 pp.

Tabata, S. and J. L. Peart. 1985. Statistics of oceanographic data based on hydrographic/STD casts made at Ocean Station P during August 1956 through June 1981. Canadian Data Report of Hydrography and Ocean Sciences No. 31, 133 pp.

Table 1. Particulars of oceanographic stations along Line P.

Station No.	Latitude (° 'N)	Longitude (° 'W)	Depth (m)	Distance Between Stations (km)	Remarks
1	48 34.5	125 30.0	120	37	on continental shelf, 31 km from nearest shore
2	48 36.0	126 00.0	114	49	on continental shelf, 48 km from nearest shore
3	48 39.0	126 40.0	1300	74	on continental slope, 76 km from nearest shore
4	48 44.6	127 40.0	2500	73	edge of continental slope, 114 km from nearest shore
5	48 49.0	128 40.0	2440	147	155 km from nearest shore
6	48 58.2	130 40.0	3300	146	310 km from nearest shore
7	49 07.4	132 40.0	3275	145	
8	49 17.0	134 40.0	3550	145	
9	49 26.0	136 40.0	3775	145	
10	49 34.0	138 40.0	3890	145	
11	49 42.0	140 40.0	3880	145	
12	49 50.2	142 40.0	3910	170	
P	50 00.0	145 00.0	4200	1	

Table 2. Abbreviations and units.

STD	standard
STD	salinity-temperature-depth recorder, (including conductivity-temperature-pressure recorder)
PRESS	pressure in decibars (db)
SIGMA T	specific gravity anomaly = $\sigma_t = (\rho_{T,S,O} - 1)\ 10^3$, where $\rho_{T,S,O}$ = in-situ specific gravity of seawater at pressure = 0, (i.e. at the sea surface)
S.D.	standard deviation
MAX	maximum
MIN	minimum
N	number of observations
TEMPERATURE	in °Celsius
SALINITY	in parts per thousand - °/₀₀
DEPTH	in metres
SVA	specific volume anomaly ($10^5\delta$), in 10^5 mL g^{-1} (or centilitres ton^{-1})
THETA	potential temperature in °Celsius
SVA (THETA)	specific volume anomaly based on potential temperature, in 10^5 mL g^{-1} (or centilitres ton^{-1})
DELTA D	dynamic height relative to sea surface, in J kg^{-1}
POT. ENERGY	potential energy relative to sea surface, in 10^8 ergs cm^{-1}
OXYGEN	dissolved oxygen content (oxyty), in mL L^{-1}
SOUND	sound speed, in m s^{-1}
DELTA-DH	dynamic height relative to 1000-db surface, in J kg^{-1}
ACC. POT.	acceleration potential relative to 1000-db surface, in J kg^{-1} (J = Joules)

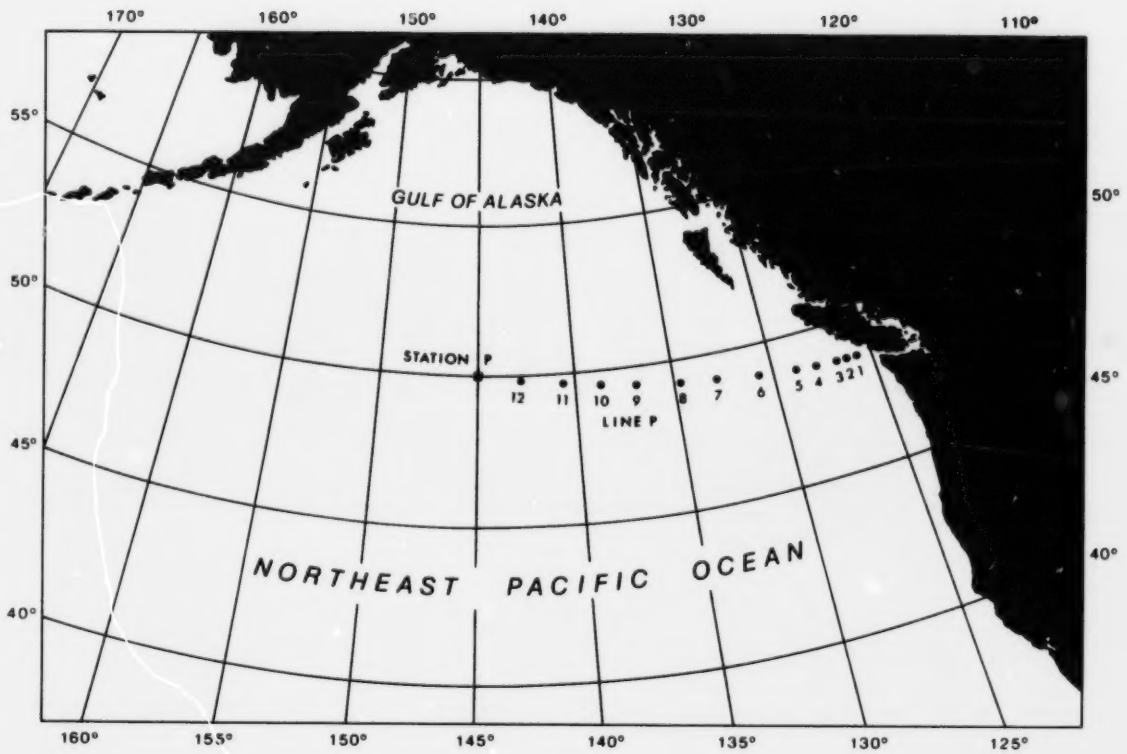
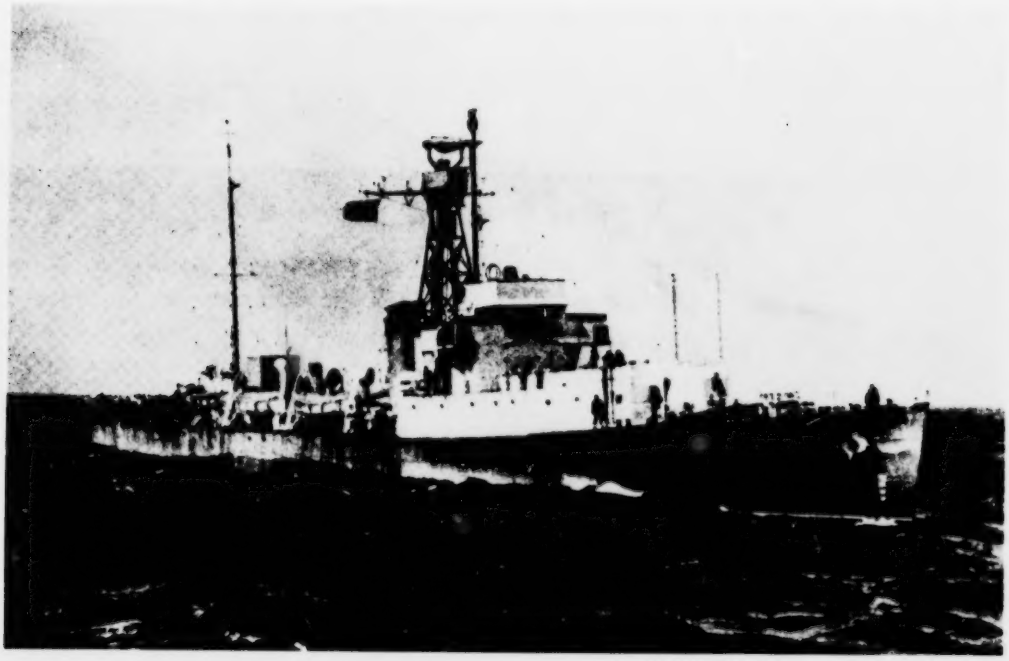


Figure 1. Location of Ocean Station P and Line P in the northeast Pacific Ocean.

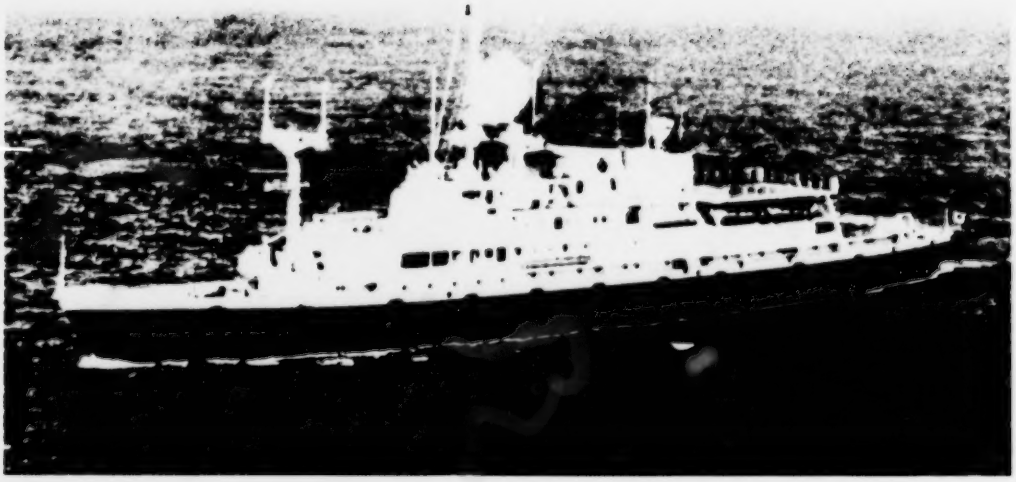
(a)



(b)

Figure 2. The Canadian Coast Guard weatherships, St. Catharines (a) and Stonetown (b). Until 1967 the bulk of the oceanographic observations were made from St. Catharines. Stonetown made bathythermograph and surface salinity and temperature observations only. (C.C.G. Photo.)

(a)



(b)

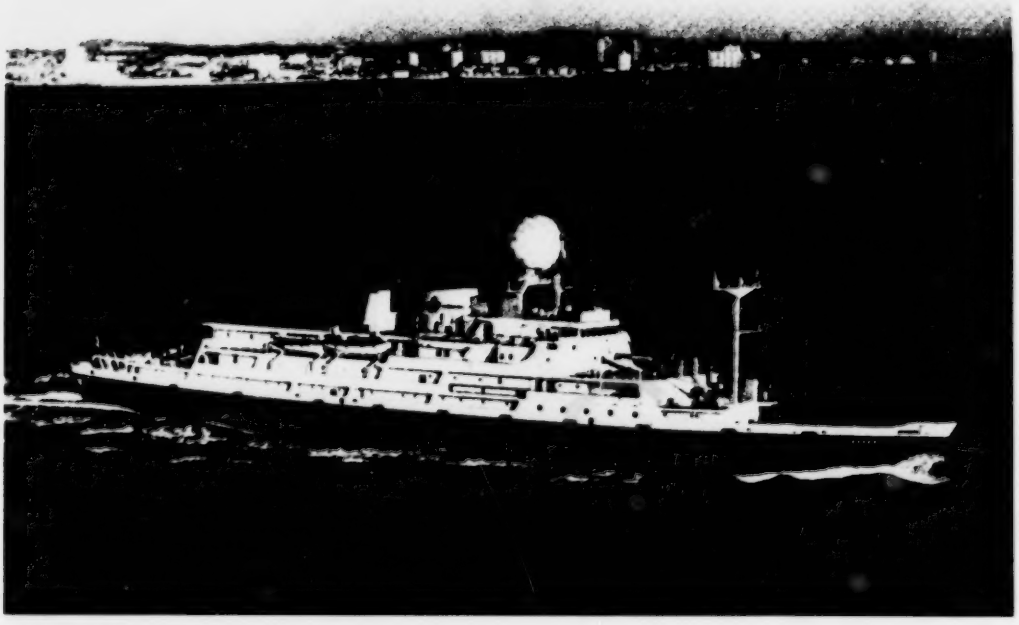


Figure 3. The specially-designed Canadian Coast Guard weatherships, Vancouver (a) and Quadra (b). They came into service in 1967 and were decommissioned in 1981. (C.C.G. Photo.)

Table 3. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, using all data, for Station 7.

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.62	3.120	17.50	5.77	142
10:	10.52	3.077	17.18	5.64	142
20:	10.27	2.874	16.08	5.62	142
30:	9.67	2.401	15.86	5.60	142
50:	8.33	1.456	14.13	5.59	142
75:	7.39	.893	11.13	5.59	142
100:	6.78	.645	8.99	5.48	142
125:	6.46	.455	7.88	5.32	142
150:	6.33	.415	7.85	5.51	142
175:	6.17	.404	7.53	5.31	142
200:	5.91	.417	7.35	4.88	142
225:	5.63	.417	7.19	4.81	142
250:	5.36	.409	7.01	4.55	142
300:	4.93	.380	6.76	4.24	142
400:	4.40	.263	5.51	3.90	136
500:	4.11	.213	4.99	3.71	118
600:	3.89	.165	4.56	3.61	118
700:	3.69	.143	4.29	3.44	117
800:	3.49	.116	3.99	3.26	117
900:	3.30	.092	3.74	3.10	117
1000:	3.11	.083	3.48	2.92	117
1200:	2.77	.059	2.98	2.64	117
1500:	2.37	.050	2.51	2.22	107
2000:	1.94	.038	2.02	1.88	20
2500:	1.73	.031	1.79	1.70	6
3000:	1.64	.005	1.65	1.64	4

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.478	.1322	32.772	32.080	142
10:	32.470	.1248	32.750	32.090	142
20:	32.477	.1172	32.760	32.090	142
30:	32.495	.1049	32.760	32.130	142
50:	32.535	.0926	32.840	32.270	142
75:	32.614	.1097	33.155	32.340	142
100:	32.831	.2139	33.550	32.470	142
125:	33.231	.2204	33.738	32.715	142
150:	33.580	.1424	33.860	33.190	142
175:	33.761	.0826	33.930	33.443	142
200:	33.832	.0540	33.950	33.676	142
225:	33.856	.0461	33.975	33.725	142
250:	33.874	.0424	34.017	33.767	142
300:	33.902	.0383	34.020	33.810	142
400:	33.987	.0348	34.092	33.901	136
500:	34.076	.0327	34.140	33.974	118
600:	34.158	.0277	34.216	34.078	118
700:	34.228	.0254	34.290	34.136	117
800:	34.286	.0249	34.335	34.160	117
900:	34.334	.0253	34.380	34.183	117
1000:	34.374	.0242	34.411	34.220	117
1200:	34.437	.0213	34.480	34.370	117
1500:	34.505	.0240	34.576	34.444	107
2000:	34.591	.0169	34.629	34.560	20
2500:	34.624	.0174	34.652	34.599	6
3000:	34.648	.0193	34.668	34.623	4

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.854	.6074	25.677	23.455	142
10:	24.866	.5971	25.677	23.528	142
20:	24.921	.5427	25.677	23.714	142
30:	25.047	.4343	25.684	23.800	142
50:	25.303	.2441	25.703	24.296	142
75:	25.509	.1372	25.685	25.031	142
100:	25.762	.1703	26.352	25.352	142
125:	26.120	.1602	26.491	25.749	142
150:	26.411	.1057	26.606	26.113	142
175:	26.575	.0684	26.700	26.328	142
200:	26.663	.0513	26.771	26.490	142
225:	26.717	.0447	26.799	26.540	142
250:	26.763	.0410	26.842	26.581	142
300:	26.835	.0387	26.913	26.622	142
400:	26.961	.0337	27.041	26.819	136
500:	27.063	.0331	27.131	26.932	118
600:	27.151	.0283	27.210	27.046	118
700:	27.226	.0260	27.284	27.127	117
800:	27.292	.0236	27.340	27.186	117
900:	27.349	.0226	27.385	27.221	117
1000:	27.398	.0222	27.434	27.257	117
1200:	27.479	.0190	27.513	27.421	117
1500:	27.568	.0202	27.626	27.513	107
2000:	27.671	.0143	27.703	27.647	20
2500:	27.713	.0138	27.735	27.695	6
3000:	27.739	.0156	27.756	27.719	4

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	310.6	57.85	444.0	232.3	142
10:	309.7	56.91	437.3	232.4	142
20:	304.6	51.77	419.7	232.5	142
30:	292.8	41.46	411.8	232.0	142
50:	268.6	23.35	365.0	230.3	142
75:	249.3	13.15	295.3	213.6	142
100:	225.5	16.20	264.7	169.5	142
125:	191.7	15.17	226.9	156.5	142
150:	164.5	10.03	192.7	145.9	142
175:	149.3	6.54	172.6	137.3	142
200:	141.1	4.98	157.9	130.7	142
225:	136.2	4.38	153.7	128.2	142
250:	132.0	4.06	150.1	124.1	142
300:	125.4	3.86	146.9	117.6	142
400:	114.1	3.34	128.5	106.3	136
500:	105.1	3.28	118.4	98.5	118
600:	97.4	2.81	108.2	91.5	118
700:	90.8	2.60	100.7	85.2	117
800:	85.1	2.34	95.0	80.3	117
900:	80.1	2.21	92.1	76.5	117
1000:	75.7	2.19	89.4	72.1	117
1200:	68.5	1.85	74.0	65.4	117
1500:	60.5	1.94	66.0	55.1	107
2000:	51.3	1.40	53.5	48.3	20
2500:	48.2	1.27	49.6	46.2	6
3000:	46.8	1.40	48.6	45.3	4

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.62	3.120	17.50	5.77	142
10:	10.52	3.077	17.18	5.64	142
20:	10.26	2.874	16.08	5.62	142
30:	9.67	2.400	15.86	5.60	142
50:	8.33	1.453	14.12	5.59	142
75:	7.38	.892	11.12	5.59	142
100:	6.78	.645	8.98	5.47	142
125:	6.45	.455	7.87	5.31	142
150:	6.32	.414	7.83	5.50	142
175:	6.16	.403	7.51	5.30	142
200:	5.89	.417	7.34	4.87	142
225:	5.61	.416	7.17	4.79	142
250:	5.34	.409	6.99	4.53	142
300:	4.91	.379	6.74	4.22	142
400:	4.37	.262	5.48	3.87	136
500:	4.08	.211	4.95	3.68	118
600:	3.84	.164	4.52	3.56	118
700:	3.64	.142	4.24	3.39	117
800:	3.44	.116	3.92	3.21	117
900:	3.23	.091	3.67	3.04	117
1000:	3.04	.082	3.41	2.85	117
1200:	2.69	.058	2.89	2.56	117
1500:	2.27	.049	2.41	2.12	107
2000:	1.80	.038	1.88	1.74	20
2500:	1.56	.029	1.61	1.53	6
3000:	1.42	.000	1.42	1.42	4

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	310.6	57.85	444.0	232.3	142
10:	309.4	56.86	436.9	232.2	142
20:	304.2	51.66	419.1	232.2	142
30:	292.2	41.33	410.9	231.6	142
50:	267.7	23.21	363.6	229.7	142
75:	248.2	13.04	293.5	212.4	142
100:	224.1	16.19	263.1	168.0	142
125:	190.0	15.22	225.3	154.8	142
150:	162.4	10.03	190.7	143.9	142
175:	146.8	6.48	170.2	135.0	142
200:	138.4	4.86	154.8	128.2	142
225:	133.3	4.23	150.0	125.5	142
250:	129.0	3.88	146.1	121.5	142
300:	122.1	3.66	142.2	114.7	142
400:	110.0	3.19	123.4	102.5	136
500:	100.4	3.13	112.7	93.9	118
600:	91.9	2.67	101.9	86.4	118
700:	84.7	2.46	94.1	79.3	117
800:	78.5	2.23	88.5	73.9	117
900:	73.0	2.13	85.1	69.6	117
1000:	68.3	2.10	81.7	64.9	117
1200:	60.6	1.79	66.0	57.4	117
1500:	52.1	1.92	57.2	46.5	107
2000:	42.1	1.38	44.3	39.1	20
2500:	37.9	1.31	39.6	35.8	6
3000:	35.1	1.49	37.0	33.5	4

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	142
10:	.31	.057	.44	.23	142
20:	.62	.112	.87	.46	142
30:	.92	.158	1.26	.70	142
50:	1.48	.211	1.99	1.16	142
75:	2.13	.233	2.73	1.78	142
100:	2.72	.239	3.40	2.29	142
125:	3.24	.250	4.00	2.69	142
150:	3.69	.263	4.51	3.08	142
175:	4.08	.271	4.91	3.44	142
200:	4.44	.276	5.26	3.79	142
225:	4.79	.280	5.61	4.11	142
250:	5.12	.283	5.94	4.43	142
300:	5.77	.290	6.58	5.04	142
400:	6.96	.297	7.76	6.26	136
500:	8.06	.314	8.85	7.30	118
600:	9.07	.329	9.86	8.25	118
700:	10.01	.342	10.84	9.12	117
800:	10.89	.354	11.81	9.96	117
900:	11.72	.366	12.71	10.74	117
1000:	12.49	.378	13.63	11.49	117
1200:	13.93	.398	15.05	12.85	117
1500:	15.87	.432	17.07	14.77	107
2000:	18.77	.344	19.32	17.99	20
2500:	21.34	.278	21.86	21.09	6
3000:	23.77	.374	24.30	23.43	4

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	142
10:	.01	.005	.02	.01	142
20:	.06	.012	.09	.05	142
30:	.14	.023	.19	.11	142
50:	.37	.045	.49	.30	142
75:	.78	.064	1.00	.66	142
100:	1.31	.076	1.60	1.13	142
125:	1.91	.101	2.30	1.60	142
150:	2.53	.133	3.00	2.13	142
175:	3.18	.154	3.66	2.74	142
200:	3.87	.172	4.34	3.41	142
225:	4.62	.188	5.09	4.10	142
250:	5.43	.204	5.96	4.86	142
300:	7.23	.240	7.86	6.58	142
400:	11.49	.318	12.51	10.67	136
500:	16.51	.453	18.26	15.39	118
600:	22.17	.600	24.56	20.69	118
700:	28.40	.755	31.46	26.47	117
800:	35.12	.914	38.85	32.81	117
900:	42.26	1.083	46.66	39.64	117
1000:	49.81	1.293	55.73	46.90	117
1200:	65.93	1.660	72.16	62.14	117
1500:	92.47	2.322	100.69	87.69	107
2000:	142.49	2.864	147.27	137.16	20
2500:	199.76	4.873	205.70	191.39	6
3000:	266.38	8.081	274.03	255.46	4

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.67	.339	7.06	6.11	7
10:	6.70	.308	7.08	6.22	7
20:	6.66	.302	6.96	6.18	7
30:	6.75	.223	6.97	6.41	7
50:	6.74	.211	6.94	6.40	7
75:	6.61	.336	6.96	5.94	7
100:	5.92	.560	6.89	5.23	7
125:	4.89	.579	5.75	4.15	7
150:	4.38	.363	4.88	3.87	7
175:	3.97	.184	4.16	3.80	7
200:	3.75	.210	4.03	3.42	7
225:	3.55	.324	3.91	3.01	7
250:	3.29	.437	3.68	2.46	7
300:	2.56	.514	3.03	1.64	7
400:	1.55	.209	1.76	1.30	7
500:	.96	.091	1.12	.87	7
600:	.69	.107	.89	.58	7
700:	.50	.127	.75	.39	7
800:	.43	.097	.61	.32	7
900:	.39	.051	.46	.33	7
1000:	.37	.044	.42	.32	7
1200:	.47	.100	.64	.37	7
1500:	.76	.087	.89	.68	7
2000:	1.46	.135	1.67	1.32	5
2500:	1.90	.082	2.00	1.80	4
3000:	2.43	.000	2.43	2.43	2

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1488	10.9	1512	1471	142
10:	1488	10.9	1511	1470	142
20:	1488	10.2	1508	1471	142
30:	1486	8.7	1508	1471	142
50:	1481	5.8	1502	1471	142
75:	1478	3.5	1493	1471	142
100:	1476	2.7	1485	1472	142
125:	1476	1.9	1483	1472	142
150:	1476	1.7	1483	1473	142
175:	1476	1.7	1482	1473	142
200:	1476	1.7	1482	1472	142
225:	1475	1.8	1482	1472	142
250:	1475	1.7	1482	1472	142
300:	1474	1.6	1482	1471	142
400:	1473	1.1	1478	1472	136
500:	1474	.9	1478	1473	116
600:	1475	.8	1478	1474	116
700:	1475	.7	1478	1475	117
800:	1476	.6	1479	1476	117
900:	1477	.5	1480	1477	117
1000:	1478	.5	1480	1478	117
1200:	1480	.5	1481	1480	117
1500:	1483	.2	1485	1483	107
2000:	1490	.5	1491	1490	20
2500:	1498	.0	1498	1498	6
3000:	1506	.0	1506	1506	4

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.495	.3779	13.631	11.494	117
10:	12.184	.3427	13.266	11.252	117
20:	11.876	.3147	12.904	11.011	117
30:	11.575	.2968	12.570	10.776	117
50:	11.010	.2816	12.007	10.318	117
75:	10.357	.2722	11.380	9.744	117
100:	9.764	.2561	10.820	9.197	117
125:	9.241	.2402	10.314	8.695	117
150:	8.798	.2285	9.853	8.269	117
175:	8.408	.2201	9.425	7.895	117
200:	8.047	.2119	9.028	7.555	117
225:	7.703	.2038	8.640	7.241	117
250:	7.368	.1963	8.263	6.923	117
300:	6.724	.1821	7.537	6.294	117
400:	5.530	.1534	6.210	5.215	117
500:	4.434	.1233	4.959	4.187	117
600:	3.423	.0960	3.852	3.241	117
700:	2.483	.0702	2.811	2.366	117
800:	1.604	.0469	1.839	1.532	117
900:	.780	.0246	.924	.745	117
1000.	.000	.0004	.004	.000	117
1200:	-1.437	.0428	-1.328	-1.642	117
1500:	-3.366	.0534	-3.186	-3.716	107
2000:	-6.152	.1481	-5.834	-6.390	20
2500:	-8.640	.2476	-8.199	-8.935	6
3000:	-11.014	.3834	-10.485	-11.371	4

Table 4. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, by months, for Station 7.

JANUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.38	.862	9.68	6.96	13
10:	8.42	.853	9.68	6.97	13
20:	8.42	.853	9.68	6.97	13
30:	8.42	.855	9.68	6.98	13
50:	8.42	.867	9.73	6.99	13
75:	7.96	.632	8.97	7.00	13
100:	7.10	.900	8.99	5.66	13
125:	6.49	.511	7.17	5.51	13
150:	6.31	.417	6.91	5.62	13
175:	6.23	.405	6.72	5.48	13
200:	5.95	.448	6.59	5.22	13
225:	5.69	.432	6.29	5.05	13
250:	5.43	.435	6.03	4.77	13
300:	5.03	.380	5.63	4.45	13
400:	4.51	.338	5.02	4.03	13
500:	4.15	.244	4.59	3.89	13
600:	3.90	.182	4.24	3.69	13
700:	3.69	.129	3.94	3.56	13
800:	3.50	.104	3.67	3.34	13
900:	3.30	.078	3.43	3.16	13
1000:	3.11	.060	3.22	3.02	13
1200:	2.77	.051	2.86	2.66	13
1500:	2.37	.026	2.41	2.32	11
2000:	1.95	.014	1.96	1.94	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.478	.1143	32.690	32.330	13
10:	32.476	.1134	32.685	32.325	13
20:	32.477	.1152	32.700	32.320	13
30:	32.479	.1146	32.707	32.320	13
50:	32.481	.1132	32.714	32.320	13
75:	32.563	.0914	32.720	32.430	13
100:	32.860	.2240	33.230	32.506	13
125:	33.235	.2154	33.620	32.928	13
150:	33.549	.1779	33.730	33.212	13
175:	33.753	.0916	33.860	33.570	13
200:	33.829	.0506	33.910	33.750	13
225:	33.855	.0406	33.920	33.800	13
250:	33.878	.0376	33.930	33.840	13
300:	33.911	.0399	33.970	33.853	13
400:	33.986	.0377	34.040	33.920	13
500:	34.076	.0321	34.120	34.013	13
600:	34.134	.0255	34.180	34.093	13
700:	34.227	.0271	34.264	34.161	13
800:	34.287	.0203	34.321	34.245	13
900:	34.335	.0200	34.368	34.304	13
1000:	34.375	.0164	34.398	34.347	13
1200:	34.438	.0176	34.460	34.403	13
1500:	34.505	.0179	34.527	34.472	11
2000:	34.582	.0158	34.593	34.571	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.259	.1806	25.454	24.946	13
10:	25.253	.1779	25.454	24.942	13
20:	25.254	.1791	25.454	24.938	13
30:	25.254	.1785	25.456	24.938	13
50:	25.256	.1776	25.459	24.938	13
75:	25.389	.0891	25.584	25.203	13
100:	25.741	.2348	26.035	25.352	13
125:	26.120	.1619	26.368	25.891	13
150:	26.385	.1435	26.571	26.141	13
175:	26.560	.0758	26.663	26.408	13
200:	26.655	.0512	26.730	26.574	13
225:	26.708	.0373	26.766	26.661	13
250:	26.758	.0339	26.813	26.709	13
300:	26.830	.0261	26.884	26.789	13
400:	26.949	.0230	26.978	26.917	13
500:	27.058	.0217	27.082	27.031	13
600:	27.146	.0168	27.168	27.116	13
700:	27.225	.0229	27.262	27.178	13
800:	27.291	.0190	27.332	27.265	13
900:	27.349	.0189	27.385	27.325	13
1000:	27.399	.0149	27.424	27.375	13
1200:	27.480	.0164	27.506	27.449	13
1500:	27.567	.0148	27.584	27.540	11
2000:	27.663	.0114	27.671	27.655	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	272.0	17.19	301.8	253.5	13
10:	272.7	16.94	302.4	253.6	13
20:	272.8	17.08	302.9	253.7	13
30:	273.0	17.02	303.1	253.7	13
50:	273.1	16.96	303.5	253.8	13
75:	260.8	8.54	278.6	242.1	13
100:	227.5	22.41	264.7	199.7	13
125:	191.8	15.36	213.6	168.3	13
150:	166.9	13.63	190.2	149.1	13
175:	150.7	7.26	165.2	140.6	13
200:	141.9	4.98	149.6	134.5	13
225:	137.1	3.70	141.4	131.5	13
250:	132.5	3.44	137.2	126.9	13
300:	126.0	2.67	130.3	120.5	13
400:	115.3	2.36	118.5	112.2	13
500:	105.6	2.19	108.5	103.0	13
600:	97.8	1.68	100.4	95.6	13
700:	90.9	2.19	95.2	87.2	13
800:	85.2	1.88	87.5	81.1	13
900:	80.0	1.85	82.4	76.5	13
1000:	75.7	1.47	77.9	73.1	13
1200:	68.4	1.62	71.4	65.6	13
1500:	60.6	1.38	63.2	59.1	11
2000:	52.1	.92	52.8	51.5	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JANUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.38	.862	9.68	6.96	13
10:	8.42	.853	9.68	6.97	13
20:	8.42	.853	9.68	6.97	13
30:	8.42	.856	9.68	6.98	13
50:	8.41	.863	9.72	6.99	13
75:	7.95	.631	8.96	6.99	13
100:	7.09	.899	8.98	5.66	13
125:	6.47	.511	7.16	5.50	13
150:	6.30	.417	6.89	5.60	13
175:	6.21	.406	6.71	5.46	13
200:	5.93	.448	6.57	5.20	13
225:	5.67	.429	6.27	5.04	13
250:	5.41	.435	6.01	4.75	13
300:	5.01	.379	5.60	4.42	13
400:	4.48	.337	4.99	4.00	13
500:	4.11	.244	4.55	3.85	13
600:	3.86	.182	4.19	3.65	13
700:	3.69	.129	3.89	3.51	13
800:	3.45	.103	3.62	3.29	13
900:	3.24	.078	3.37	3.10	13
1000:	3.04	.059	3.14	2.95	13
1200:	2.69	.051	2.78	2.58	13
1500:	2.27	.025	2.30	2.22	11
2000:	1.81	.019	1.82	1.80	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	272.0	17.20	301.8	253.4	13
10:	272.6	16.93	302.2	253.4	13
20:	272.5	17.04	302.5	253.4	13
30:	272.4	16.98	302.5	253.2	13
50:	272.2	16.88	302.5	253.0	13
75:	259.5	8.47	277.2	241.0	13
100:	226.0	22.31	263.1	198.1	13
125:	190.1	15.39	211.8	166.5	13
150:	164.8	13.63	188.0	147.2	13
175:	148.2	7.19	162.6	138.4	13
200:	139.2	4.83	146.8	132.1	13
225:	134.1	3.52	138.5	128.7	13
250:	129.4	3.20	134.0	124.2	13
300:	122.5	2.47	126.4	117.4	13
400:	111.2	2.16	114.3	108.4	13
500:	100.8	2.05	103.4	98.5	13
600:	92.4	1.60	95.3	90.3	13
700:	84.9	2.11	89.3	81.4	13
800:	78.6	1.79	81.1	74.7	13
900:	73.0	1.79	75.3	69.6	13
1000:	68.3	1.40	70.5	65.9	13
1200:	60.5	1.55	63.4	58.0	13
1500:	52.1	1.40	54.7	50.5	11
2000:	42.8	1.06	43.6	42.1	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.27	.018	.30	.25	13
20:	.55	.033	.60	.51	13
30:	.82	.051	.91	.76	13
50:	1.37	.085	1.52	1.27	13
75:	2.04	.108	2.23	1.90	13
100:	2.65	.098	2.81	2.52	13
125:	3.17	.098	3.34	3.02	13
150:	3.62	.108	3.78	3.44	13
175:	4.02	.117	4.17	3.81	13
200:	4.38	.127	4.57	4.15	13
225:	4.73	.134	4.93	4.48	13
250:	5.06	.135	5.27	4.81	13
300:	5.71	.147	5.92	5.42	13
400:	6.91	.159	7.13	6.59	13
500:	8.01	.175	8.25	7.67	13
600:	9.03	.192	9.30	8.65	13
700:	9.98	.207	10.25	9.56	13
800:	10.86	.226	11.15	10.41	13
900:	11.68	.242	11.99	11.19	13
1000:	12.46	.254	12.79	11.94	13
1200:	13.88	.283	14.20	13.32	13
1500:	15.84	.323	16.15	15.21	11
2000:	18.69	.071	18.74	18.64	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.01	.004	.02	.01	13
20:	.05	.005	.06	.05	13
30:	.12	.008	.14	.12	13
50:	.35	.022	.39	.32	13
75:	.78	.036	.84	.73	13
100:	1.32	.035	1.36	1.26	13
125:	1.92	.069	2.04	1.83	13
150:	2.55	.113	2.73	2.40	13
175:	3.20	.146	3.46	3.00	13
200:	3.90	.174	4.21	3.65	13
225:	4.65	.191	4.99	4.37	13
250:	5.47	.209	5.83	5.15	13
300:	7.27	.243	7.65	6.87	13
400:	11.55	.316	11.95	11.02	13
500:	16.62	.397	17.12	16.00	13
600:	22.32	.503	23.01	21.50	13
700:	28.56	.600	29.44	27.53	13
800:	35.29	.741	36.42	33.96	13
900:	42.44	.880	43.72	40.79	13
1000:	49.97	1.008	51.38	48.03	13
1200:	65.97	1.383	67.76	63.48	13
1500:	92.67	1.755	94.45	89.34	11
2000:	143.44	.113	143.52	143.36	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JANUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1481	3.4	1486	1475	13
10:	1481	3.2	1486	1476	13
20:	1481	3.1	1486	1476	13
30:	1481	3.1	1486	1476	13
50:	1482	3.4	1487	1476	13
75:	1480	2.5	1485	1477	13
100:	1478	3.4	1485	1472	13
125:	1476	2.2	1479	1472	13
150:	1476	1.6	1479	1474	13
175:	1477	1.7	1479	1474	13
200:	1476	1.7	1479	1474	13
225:	1476	1.8	1478	1473	13
250:	1475	1.7	1478	1473	13
300:	1474	1.6	1477	1472	13
400:	1473	1.4	1476	1472	13
500:	1474	1.1	1476	1473	13
600:	1475	1.0	1477	1474	13
700:	1475	.6	1477	1475	13
800:	1476	.6	1478	1476	13
900:	1477	.5	1478	1477	13
1000:	1478	.5	1479	1478	13
1200:	1480	.5	1481	1480	13
1500:	1484	.0	1484	1484	11
2000:	1490	.7	1491	1490	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.458	.2546	12.789	11.942	13
10:	12.185	.2549	12.524	11.680	13
20:	11.912	.2565	12.260	11.418	13
30:	11.639	.2590	11.996	11.156	13
50:	11.092	.2675	11.469	10.632	13
75:	10.418	.2755	10.818	9.973	13
100:	9.812	.2476	10.183	9.385	13
125:	9.286	.2108	9.599	8.899	13
150:	8.839	.1820	9.092	8.492	13
175:	8.442	.1656	8.674	8.132	13
200:	8.078	.1516	8.294	7.792	13
225:	7.731	.1423	7.937	7.457	13
250:	7.394	.1356	7.587	7.135	13
300:	6.749	.1220	6.925	6.521	13
400:	5.548	.1063	5.702	5.355	13
500:	4.443	.0906	4.569	4.269	13
600:	3.425	.0703	3.517	3.289	13
700:	2.483	.0539	2.547	2.378	13
800:	1.603	.0348	1.649	1.536	13
900:	.778	.0160	.798	.748	13
1000:	.000	.0000	.000	.000	13
1200:	-1.427	.0464	-1.328	-1.504	13
1500:	-3.364	.0714	-3.264	-3.481	11
2000:	-6.203	.0226	-6.187	-6.219	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

FEBRUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.23	.998	9.00	5.95	10
10:	7.14	1.006	8.88	5.64	10
20:	7.11	1.016	8.87	5.62	10
30:	7.10	1.019	8.86	5.60	10
50:	7.09	1.018	8.86	5.59	10
75:	6.98	.857	8.19	5.59	10
100:	6.78	.785	8.17	5.65	10
125:	6.56	.360	7.12	6.08	10
150:	6.45	.255	6.90	6.14	10
175:	6.30	.213	6.70	6.04	10
200:	6.04	.234	6.41	5.64	10
225:	5.80	.255	6.25	5.51	10
250:	5.52	.280	6.01	5.20	10
300:	5.08	.305	5.58	4.67	10
400:	4.55	.338	5.12	4.04	10
500:	4.24	.275	4.63	3.79	10
600:	4.02	.171	4.31	3.77	10
700:	3.80	.147	4.09	3.61	10
800:	3.58	.119	3.85	3.45	10
900:	3.34	.084	3.51	3.23	10
1000:	3.17	.095	3.31	3.04	10
1200:	2.81	.071	2.93	2.72	10
1500:	2.39	.065	2.51	2.31	10
2000:	2.00	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.512	.0832	32.620	32.330	10
10:	32.512	.0838	32.620	32.330	10
20:	32.511	.0843	32.620	32.330	10
30:	32.511	.0841	32.620	32.330	10
50:	32.513	.0833	32.620	32.330	10
75:	32.554	.0702	32.662	32.450	10
100:	32.775	.3433	33.550	32.470	10
125:	33.278	.2687	33.738	32.910	10
150:	33.624	.1355	33.850	33.410	10
175:	33.775	.0787	33.888	33.624	10
200:	33.836	.0424	33.900	33.756	10
225:	33.865	.0379	33.910	33.790	10
250:	33.879	.0424	33.928	33.790	10
300:	33.907	.0511	33.990	33.810	10
400:	33.983	.0376	34.039	33.921	10
500:	34.067	.0335	34.118	34.006	10
600:	34.146	.0296	34.190	34.090	10
700:	34.210	.0328	34.246	34.136	10
800:	34.267	.0418	34.301	34.160	10
900:	34.312	.0477	34.347	34.183	10
1000:	34.353	.0492	34.390	34.220	10
1200:	34.427	.0216	34.450	34.378	10
1500:	34.499	.0252	34.537	34.450	10
2000:	34.592	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.449	.1717	25.629	25.054	10
10:	25.462	.1669	25.657	25.072	10
20:	25.464	.1651	25.660	25.074	10
30:	25.466	.1648	25.658	25.075	10
50:	25.469	.1653	25.662	25.075	10
75:	25.517	.0955	25.667	25.376	10
100:	25.718	.2731	26.352	25.396	10
125:	26.145	.2019	26.488	25.865	10
150:	26.431	.0986	26.582	26.295	10
175:	26.569	.0578	26.638	26.466	10
200:	26.651	.0326	26.712	26.597	10
225:	26.703	.0313	26.759	26.651	10
250:	26.748	.0294	26.796	26.698	10
300:	26.823	.0286	26.871	26.774	10
400:	26.942	.0293	26.970	26.868	10
500:	27.042	.0367	27.093	26.979	10
600:	27.127	.0341	27.166	27.068	10
700:	27.200	.0348	27.235	27.127	10
800:	27.268	.0376	27.308	27.186	10
900:	27.327	.0411	27.366	27.221	10
1000:	27.376	.0458	27.417	27.257	10
1200:	27.468	.0207	27.494	27.427	10
1500:	27.561	.0228	27.594	27.513	10
2000:	27.667	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	253.9	16.36	291.6	236.8	10
10:	252.9	15.89	290.0	234.3	10
20:	252.8	15.74	290.0	234.1	10
30:	252.8	15.70	290.0	234.6	10
50:	252.7	15.80	290.3	234.2	10
75:	248.4	9.21	262.1	233.9	10
100:	229.7	25.96	260.6	189.5	10
125:	189.5	19.12	216.1	157.0	10
150:	162.7	9.31	175.6	148.5	10
175:	149.8	5.48	159.6	143.2	10
200:	142.3	3.12	147.4	136.4	10
225:	137.6	3.02	142.5	132.2	10
250:	133.5	2.84	138.1	128.8	10
300:	126.6	2.74	131.7	122.1	10
400:	116.0	2.99	123.5	113.3	10
500:	107.2	3.65	113.6	102.4	10
600:	99.8	3.40	105.6	96.1	10
700:	93.4	3.46	100.5	89.9	10
800:	87.5	3.62	95.0	83.5	10
900:	82.3	3.91	92.1	78.3	10
1000:	77.9	4.47	89.4	73.8	10
1200:	69.6	2.07	73.5	67.0	10
1500:	61.2	2.24	66.0	58.1	10
2000:	52.0	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

FEBRUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.23	.998	9.00	5.95	10
10:	7.19	1.006	8.88	5.64	10
20:	7.11	1.016	8.87	5.62	10
30:	7.10	1.019	8.86	5.60	10
50:	7.09	1.016	8.85	5.59	10
75:	6.97	.854	8.18	5.59	10
100:	6.77	.785	8.16	5.64	10
125:	6.55	.360	7.11	6.07	10
150:	6.44	.255	6.88	6.13	10
175:	6.28	.213	6.68	6.02	10
200:	6.02	.234	6.39	5.62	10
225:	5.78	.255	6.23	5.49	10
250:	5.50	.280	5.99	5.18	10
300:	5.05	.303	5.56	4.65	10
400:	4.52	.338	5.09	4.01	10
500:	4.20	.275	4.59	3.75	10
600:	3.98	.171	4.27	3.73	10
700:	3.75	.146	4.03	3.56	10
800:	3.52	.122	3.80	3.39	10
900:	3.28	.083	3.44	3.16	10
1000:	3.10	.095	3.24	2.97	10
1200:	2.72	.070	2.85	2.60	10
1500:	2.29	.066	2.41	2.20	10
2000:	1.86	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	253.9	16.33	291.5	236.8	10
10:	252.7	15.86	289.8	234.2	10
20:	252.5	15.69	289.6	233.9	10
30:	252.3	15.63	289.4	234.3	10
50:	252.0	15.70	289.4	233.6	10
75:	247.4	9.07	260.8	233.1	10
100:	228.3	25.97	258.9	168.0	10
125:	187.7	19.17	214.2	155.1	10
150:	160.5	9.34	173.4	146.2	10
175:	147.3	5.49	157.1	140.8	10
200:	139.6	3.09	144.7	133.8	10
225:	134.6	2.96	139.5	129.3	10
250:	130.3	2.76	135.1	125.8	10
300:	123.2	2.71	127.9	118.7	10
400:	111.8	2.75	118.8	109.3	10
500:	102.3	3.46	108.3	97.5	10
600:	94.2	3.22	99.8	90.5	10
700:	87.2	3.29	94.1	83.9	10
800:	80.8	3.54	88.5	77.0	10
900:	75.2	3.86	85.1	71.5	10
1000:	70.4	4.35	81.7	66.5	10
1200:	61.6	1.95	65.5	59.2	10
1500:	52.7	2.15	57.2	49.6	10
2000:	42.4	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	10
10:	.25	.016	.29	.24	10
20:	.51	.031	.58	.47	10
30:	.76	.047	.87	.71	10
50:	1.27	.080	1.46	1.18	10
75:	1.90	.111	2.15	1.76	10
100:	2.49	.127	2.72	2.29	10
125:	3.02	.157	3.23	2.69	10
150:	3.46	.180	3.67	3.08	10
175:	3.85	.191	4.05	3.44	10
200:	4.21	.195	4.42	3.80	10
225:	4.56	.194	4.77	4.15	10
250:	4.90	.194	5.12	4.50	10
300:	5.55	.192	5.77	5.17	10
400:	6.76	.182	6.98	6.44	10
500:	7.88	.173	8.12	7.63	10
600:	8.91	.172	9.18	8.64	10
700:	9.88	.176	10.16	9.58	10
800:	10.78	.189	11.07	10.49	10
900:	11.63	.209	11.92	11.26	10
1000:	12.43	.236	12.77	12.02	10
1200:	13.90	.292	14.42	13.43	10
1500:	15.65	.348	16.49	15.34	10
2000:	19.05	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	10
10:	.01	.000	.01	.01	10
20:	.05	.003	.06	.05	10
30:	.12	.007	.13	.11	10
50:	.32	.021	.37	.30	10
75:	.72	.041	.81	.67	10
100:	1.26	.061	1.33	1.13	10
125:	1.86	.111	1.99	1.60	10
150:	2.47	.156	2.63	2.13	10
175:	3.12	.176	3.30	2.74	10
200:	3.81	.189	4.00	3.42	10
225:	4.57	.195	4.77	4.18	10
250:	5.39	.198	5.62	5.02	10
300:	7.21	.201	7.48	6.90	10
400:	11.52	.207	11.94	11.27	10
500:	16.64	.277	17.08	16.27	10
600:	22.43	.408	23.00	21.92	10
700:	28.84	.593	29.50	28.10	10
800:	35.74	.806	36.93	34.74	10
900:	43.10	1.086	45.05	41.79	10
1000:	50.85	1.446	53.78	49.18	10
1200:	67.36	2.191	72.16	64.95	10
1500:	94.21	3.009	100.69	91.04	10
2000:	146.27	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

FEBRUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.77	----- N/A -----			1
10:	6.63	----- N/A -----			1
20:	6.51	----- N/A -----			1
30:	6.52	----- N/A -----			1
50:	6.51	----- N/A -----			1
75:	6.51	----- N/A -----			1
100:	5.82	----- N/A -----			1
125:	5.06	----- N/A -----			1
150:	4.30	----- N/A -----			1
175:	3.87	----- N/A -----			1
200:	3.61	----- N/A -----			1
225:	3.01	----- N/A -----			1
250:	2.46	----- N/A -----			1
300:	1.64	----- N/A -----			1
400:	1.30	----- N/A -----			1
500:	1.05	----- N/A -----			1
600:	.89	----- N/A -----			1
700:	.75	----- N/A -----			1
800:	.61	----- N/A -----			1
900:	.46	----- N/A -----			1
1000:	.33	----- N/A -----			1
1200:	.39	----- N/A -----			1
1500:	.89	----- N/A -----			1
2000:	1.67	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1476	3.8	1483	1471	10
10:	1476	4.0	1483	1470	10
20:	1476	3.8	1483	1471	10
30:	1476	3.8	1483	1471	10
50:	1476	4.1	1484	1471	10
75:	1476	3.5	1482	1471	10
100:	1476	3.3	1482	1472	10
125:	1477	1.6	1479	1475	10
150:	1477	1.3	1479	1476	10
175:	1477	.8	1479	1477	10
200:	1476	1.1	1479	1475	10
225:	1476	1.2	1478	1475	10
250:	1475	1.3	1478	1474	10
300:	1474	1.4	1477	1473	10
400:	1474	1.4	1477	1472	10
500:	1474	1.1	1476	1473	10
600:	1475	.7	1477	1475	10
700:	1476	.7	1478	1476	10
800:	1477	.4	1478	1477	10
900:	1478	.5	1479	1477	10
1000:	1478	.4	1479	1478	10
1200:	1480	.5	1481	1480	10
1500:	1484	.3	1485	1484	10
2000:	1491	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.428	.2363	12.774	12.021	10
10:	12.174	.2325	12.531	11.783	10
20:	11.921	.2285	12.286	11.548	10
30:	11.667	.2252	12.039	11.312	10
50:	11.159	.2219	11.543	10.840	10
75:	10.531	.2178	10.925	10.261	10
100:	9.934	.2130	10.302	9.678	10
125:	9.408	.2106	9.765	9.158	10
150:	8.969	.2188	9.329	8.721	10
175:	8.581	.2195	8.943	8.344	10
200:	8.216	.2187	8.578	7.990	10
225:	7.868	.2146	8.227	7.641	10
250:	7.529	.2112	7.885	7.304	10
300:	6.879	.2031	7.226	6.657	10
400:	5.670	.1931	6.042	5.461	10
500:	4.559	.1736	4.916	4.375	10
600:	3.520	.1468	3.852	3.372	10
700:	2.552	.1097	2.811	2.439	10
800:	1.649	.0776	1.839	1.570	10
900:	.800	.0406	.902	.757	10
1000:	.000	.0000	.090	.000	10
1200:	-1.473	.0702	-1.397	-1.642	10
1500:	-3.425	.1307	-3.283	-3.716	10
2000:	-6.323	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

MARCH

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.42	.488	8.25	6.70	9
10:	7.37	.535	8.25	6.53	9
20:	7.35	.534	8.25	6.54	9
30:	7.35	.541	8.26	6.52	9
50:	7.34	.541	8.27	6.51	9
75:	7.26	.475	8.07	6.48	9
100:	6.94	.421	7.42	6.28	9
125:	6.69	.330	7.08	6.17	9
150:	6.54	.332	6.94	6.05	9
175:	6.36	.340	6.80	5.87	9
200:	6.10	.308	6.50	5.59	9
225:	5.79	.254	6.14	5.33	9
250:	5.52	.210	5.83	5.15	9
300:	5.07	.214	5.33	4.68	9
400:	4.57	.243	4.88	4.26	9
500:	4.31	.214	4.60	4.04	7
600:	4.04	.194	4.34	3.80	7
700:	3.81	.196	4.12	3.57	6
800:	3.58	.149	3.80	3.38	6
900:	3.35	.110	3.48	3.22	6
1000:	3.15	.087	3.29	3.05	6
1200:	2.82	.054	2.88	2.75	6
1500:	2.40	.063	2.47	2.33	5
2000:	1.94	.028	1.97	1.91	4
2500:	1.79	----- N/A -----			1
3000:	1.64	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.562	.0699	32.648	32.460	9
10:	32.544	.0701	32.625	32.410	9
20:	32.545	.0731	32.630	32.410	9
30:	32.546	.0718	32.628	32.410	9
50:	32.550	.0706	32.626	32.410	9
75:	32.590	.1063	32.780	32.410	9
100:	32.946	.2095	33.230	32.613	9
125:	33.364	.1974	33.608	33.111	9
150:	33.646	.1232	33.780	33.390	9
175:	33.787	.0825	33.872	33.601	9
200:	33.842	.0702	33.900	33.676	9
225:	33.866	.0605	33.920	33.725	9
250:	33.880	.0523	33.940	33.767	9
300:	33.914	.0457	33.987	33.840	9
400:	34.000	.0316	34.065	33.960	9
500:	34.083	.0330	34.132	34.040	7
600:	34.165	.0257	34.199	34.129	7
700:	34.229	.0168	34.255	34.210	6
800:	34.283	.0150	34.307	34.267	6
900:	34.331	.0147	34.354	34.310	6
1000:	34.372	.0141	34.396	34.355	6
1200:	34.435	.0182	34.468	34.415	6
1500:	34.507	.0157	34.530	34.486	5
2000:	34.606	.0188	34.629	34.585	4
2500:	34.618	----- N/A -----			1
3000:	34.644	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.466	.0892	25.559	25.300	9
10:	25.458	.0800	25.530	25.360	9
20:	25.462	.0816	25.529	25.300	9
30:	25.463	.0807	25.529	25.299	9
50:	25.467	.0807	25.545	25.297	9
75:	25.510	.0845	25.635	25.340	9
100:	25.833	.1589	25.993	25.582	9
125:	26.195	.1422	26.357	25.972	9
150:	26.437	.0934	26.539	26.238	9
175:	26.570	.0721	26.652	26.407	9
200:	26.648	.0588	26.701	26.507	9
225:	26.705	.0482	26.752	26.592	9
250:	26.749	.0384	26.798	26.668	9
300:	26.829	.0284	26.886	26.802	9
400:	26.953	.0278	27.007	26.921	9
500:	27.048	.0324	27.096	27.015	7
600:	27.141	.0305	27.185	27.108	7
700:	27.215	.0204	27.242	27.186	6
800:	27.281	.0159	27.307	27.261	6
900:	27.341	.0132	27.364	27.330	6
1000:	27.392	.0135	27.416	27.361	6
1200:	27.473	.0156	27.503	27.460	6
1500:	27.566	.0142	27.590	27.554	5
2000:	27.683	.0167	27.703	27.664	4
2500:	27.704	----- N/A -----			1
3000:	27.736	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	252.3	8.47	268.1	243.5	9
10:	253.2	7.64	268.3	246.4	9
20:	253.0	7.77	268.4	246.6	9
30:	253.0	7.69	268.7	246.8	9
50:	252.9	7.73	269.2	245.4	9
75:	249.1	8.06	265.5	237.3	9
100:	218.8	15.08	242.7	203.5	9
125:	184.8	13.46	206.0	169.5	9
150:	162.1	8.84	180.9	152.5	9
175:	149.8	6.89	165.3	142.0	9
200:	142.7	5.62	156.0	137.6	9
225:	137.5	4.60	148.1	133.0	9
250:	133.4	3.68	141.1	128.8	9
300:	126.1	2.67	128.8	120.8	9
400:	115.0	2.80	118.4	109.9	9
500:	106.8	3.19	110.2	102.2	7
600:	98.5	3.06	102.1	94.2	7
700:	92.1	2.18	95.4	89.5	6
800:	86.3	1.67	88.6	83.8	6
900:	80.9	1.40	82.2	78.6	6
1000:	76.3	1.38	77.5	74.1	6
1200:	69.2	1.53	70.4	66.3	6
1500:	60.8	1.46	61.8	58.3	5
2000:	50.3	1.68	52.2	48.3	4
2500:	49.3	----- N/A -----			1
3000:	47.0	----- N/A -----			1

MARCH

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.42	.488	8.25	6.70	9
10:	7.37	.535	8.25	6.53	9
20:	7.35	.534	8.25	6.54	9
30:	7.35	.539	8.25	6.52	9
50:	7.34	.539	8.26	6.51	9
75:	7.25	.475	8.06	6.47	9
100:	6.93	.421	7.41	6.27	9
125:	6.68	.328	7.06	6.16	9
150:	6.53	.330	6.92	6.03	9
175:	6.35	.340	6.78	5.86	9
200:	6.08	.308	6.48	5.57	9
225:	5.77	.254	6.12	5.31	9
250:	5.50	.210	5.81	5.13	9
300:	5.05	.213	5.31	4.66	9
400:	4.54	.243	4.85	4.23	9
500:	4.27	.212	4.56	4.00	7
600:	3.99	.194	4.29	3.75	7
700:	3.76	.196	4.07	3.52	6
800:	3.52	.146	3.74	3.33	6
900:	3.29	.106	3.41	3.16	6
1000:	3.08	.087	3.22	2.98	6
1200:	2.73	.048	2.79	2.67	6
1500:	2.30	.058	2.36	2.23	5
2000:	1.80	.028	1.83	1.77	4
2500:	1.61	----- N/A -----			1
3000:	1.42	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	252.3	8.47	268.1	243.5	9
10:	253.1	7.63	268.1	246.2	9
20:	252.7	7.77	268.1	246.3	9
30:	252.5	7.68	268.2	246.3	9
50:	252.2	7.66	268.3	246.8	9
75:	248.0	8.03	264.2	236.1	9
100:	217.4	15.09	241.2	202.2	9
125:	182.9	13.48	204.0	167.5	9
150:	160.0	8.86	178.8	150.3	9
175:	147.2	6.82	162.7	139.5	9
200:	139.8	5.58	153.2	134.4	9
225:	134.5	4.55	145.1	130.0	9
250:	130.2	3.66	138.0	125.6	9
300:	122.6	2.69	125.1	117.2	9
400:	110.8	2.65	113.9	105.7	9
500:	101.8	3.08	104.9	97.2	7
600:	92.8	2.88	96.0	88.7	7
700:	85.8	1.91	88.6	83.3	6
800:	79.5	1.48	81.4	77.1	6
900:	73.7	1.25	74.8	71.6	6
1000:	68.9	1.25	69.9	66.7	6
1200:	61.1	1.49	62.4	58.3	6
1500:	52.2	1.38	53.4	49.9	5
2000:	41.0	1.58	42.8	39.1	4
2500:	38.7	----- N/A -----			1
3000:	35.4	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.25	.007	.27	.25	9
20:	.51	.017	.54	.49	9
30:	.76	.024	.81	.74	9
50:	1.27	.037	1.34	1.23	9
75:	1.90	.053	2.01	1.85	9
100:	2.49	.049	2.60	2.44	9
125:	2.99	.060	3.07	2.90	9
150:	3.42	.074	3.52	3.31	9
175:	3.81	.087	3.93	3.68	9
200:	4.18	.096	4.33	4.04	9
225:	4.53	.105	4.71	4.39	9
250:	4.87	.109	5.07	4.73	9
300:	5.51	.114	5.74	5.39	9
400:	6.72	.116	6.95	6.61	9
500:	7.80	.103	8.02	7.71	7
600:	8.83	.121	9.07	8.70	7
700:	9.79	.150	10.05	9.62	6
800:	10.69	.167	10.96	10.49	6
900:	11.52	.176	11.80	11.30	6
1000:	12.31	.187	12.60	12.06	6
1200:	13.76	.210	14.08	13.46	6
1500:	15.71	.266	16.03	15.32	5
2000:	18.48	.356	18.79	17.99	4
2500:	21.22	----- N/A -----			1
3000:	23.62	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.01	.000	.01	.01	9
20:	.05	.000	.05	.05	9
30:	.12	.005	.12	.11	9
50:	.32	.010	.34	.31	9
75:	.73	.021	.77	.70	9
100:	1.25	.024	1.29	1.22	9
125:	1.83	.057	1.92	1.76	9
150:	2.43	.087	2.57	2.33	9
175:	3.07	.113	3.25	2.95	9
200:	3.77	.136	4.01	3.64	9
225:	4.53	.158	4.83	4.39	9
250:	5.35	.179	5.71	5.19	9
300:	7.16	.203	7.59	6.98	9
400:	11.46	.233	11.89	11.18	9
500:	16.51	.318	16.99	16.09	7
600:	22.26	.490	22.90	21.56	7
700:	28.68	.625	29.36	27.67	6
800:	35.49	.763	36.29	34.30	6
900:	42.72	.883	43.68	41.33	6
1000:	50.33	.983	51.36	48.72	6
1200:	66.63	1.266	67.90	64.42	6
1500:	93.35	1.980	94.85	89.97	5
2000:	142.49	3.368	145.05	137.53	4
2500:	203.17	----- N/A -----			1
3000:	270.55	----- N/A -----			1

MARCH

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.93	.184	7.06	6.80	2
10:	6.98	.134	7.08	6.89	2
20:	6.92	.028	6.94	6.90	2
30:	6.95	.021	6.97	6.94	2
50:	6.93	.014	6.94	6.92	2
75:	6.80	.099	6.87	6.73	2
100:	5.62	.071	5.67	5.57	2
125:	4.48	.064	4.53	4.44	2
150:	4.30	.042	4.33	4.27	2
175:	4.02	.028	4.04	4.00	2
200:	3.83	.000	3.83	3.83	2
225:	3.72	.007	3.73	3.72	2
250:	3.54	.085	3.60	3.48	2
300:	2.85	.042	2.88	2.82	2
400:	1.71	.049	1.75	1.68	2
500:	.92	.021	.94	.91	2
600:	.64	.000	.64	.64	2
700:	.40	.021	.42	.39	2
800:	.34	.028	.36	.32	2
900:	.33	.000	.33	.33	2
1000:	.33	.014	.34	.32	2
1200:	.39	.028	.41	.37	2
1500:	.74	.064	.79	.70	2
2000:	1.32	----- N/A -----			1
2500:	1.80	----- N/A -----			1
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1477	1.9	1481	1475	9
10:	1477	2.2	1481	1474	9
20:	1477	2.2	1481	1474	9
30:	1477	2.2	1481	1474	9
50:	1478	2.2	1482	1475	9
75:	1478	1.9	1481	1475	9
100:	1477	1.7	1480	1475	9
125:	1477	1.6	1479	1475	9
150:	1477	1.3	1479	1476	9
175:	1477	1.3	1479	1476	9
200:	1477	1.4	1479	1475	9
225:	1476	1.2	1478	1474	9
250:	1475	.9	1477	1474	9
300:	1474	1.0	1476	1473	9
400:	1474	1.1	1476	1473	9
500:	1475	.9	1476	1474	7
600:	1475	.8	1477	1475	7
700:	1476	1.0	1478	1475	6
800:	1477	.6	1478	1476	6
900:	1478	.6	1479	1477	6
1000:	1478	.4	1479	1478	6
1200:	1480	.4	1481	1480	6
1500:	1484	.0	1484	1484	5
2000:	1490	.6	1491	1490	4
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.306	.1853	12.597	12.063	6
10:	12.055	.1873	12.350	11.813	6
20:	11.803	.1898	12.102	11.560	6
30:	11.551	.1928	11.854	11.307	6
50:	11.048	.2000	11.358	10.800	6
75:	10.420	.2038	10.736	10.165	6
100:	9.834	.1965	10.107	9.550	6
125:	9.334	.1871	9.545	9.033	6
150:	8.907	.1805	9.097	8.604	6
175:	8.522	.1757	8.710	8.219	6
200:	8.159	.1730	8.344	7.855	6
225:	7.811	.1701	7.993	7.508	6
250:	7.474	.1652	7.649	7.178	6
300:	6.827	.1514	6.989	6.558	6
400:	5.618	.1227	5.757	5.410	6
500:	4.501	.0927	4.613	4.350	6
600:	3.468	.0665	3.553	3.365	6
700:	2.512	.0449	2.568	2.441	6
800:	1.620	.0274	1.646	1.574	6
900:	.786	.0130	.796	.763	6
1000:	.000	.0000	.000	.000	6
1200:	-1.454	.0300	-1.400	-1.479	6
1500:	-3.398	.0792	-3.257	-3.445	5
2000:	-6.152	.1526	-5.928	-6.259	4
2500:	-8.79_	----- N/A -----			1
3000:	-11.197	----- N/A -----			1

APRIL

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.96	.843	8.30	5.77	9
10:	6.92	.798	8.32	5.77	9
20:	6.89	.777	8.28	5.77	9
30:	6.83	.733	8.24	5.77	9
50:	6.73	.660	7.98	5.77	9
75:	6.48	.646	7.73	5.66	9
100:	6.25	.559	7.43	5.72	9
125:	6.20	.405	6.75	5.56	9
150:	6.05	.366	6.71	5.54	9
175:	5.88	.392	6.53	5.31	9
200:	5.67	.448	6.34	4.88	9
225:	5.48	.425	6.05	4.81	9
250:	5.22	.397	5.78	4.65	9
300:	4.78	.328	5.34	4.37	9
400:	4.26	.196	4.53	4.01	8
500:	4.01	.168	4.18	3.79	5
600:	3.78	.141	3.94	3.61	5
700:	3.61	.110	3.74	3.46	5
800:	3.44	.089	3.53	3.32	5
900:	3.25	.055	3.31	3.19	5
1000:	3.08	.033	3.12	3.05	5
1200:	2.76	.033	2.79	2.71	5
1500:	2.36	.034	2.41	2.32	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.562	.0374	32.650	32.530	9
10:	32.564	.0351	32.650	32.530	9
20:	32.547	.0541	32.650	32.453	9
30:	32.549	.0522	32.650	32.458	9
50:	32.550	.0563	32.660	32.448	9
75:	32.557	.0557	32.660	32.454	9
100:	32.710	.1275	33.000	32.570	9
125:	33.262	.2391	33.627	32.960	9
150:	33.583	.1378	33.766	33.360	9
175:	33.755	.0724	33.846	33.637	9
200:	33.819	.0442	33.890	33.766	9
225:	33.845	.0345	33.900	33.793	9
250:	33.873	.0248	33.910	33.840	9
300:	33.910	.0209	33.948	33.889	9
400:	33.993	.0272	34.036	33.960	8
500:	34.087	.0229	34.117	34.053	5
600:	34.173	.0215	34.199	34.145	5
700:	34.248	.0163	34.270	34.224	5
800:	34.307	.0190	34.329	34.282	5
900:	34.350	.0149	34.369	34.331	5
1000:	34.387	.0130	34.406	34.374	5
1200:	34.453	.0076	34.461	34.444	5
1500:	34.522	.0100	34.533	34.512	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.527	.1152	25.677	25.333	9
10:	25.534	.1098	25.677	25.331	9
20:	25.524	.1265	25.677	25.259	9
30:	25.534	.1211	25.677	25.270	9
50:	25.548	.1135	25.684	25.300	9
75:	25.592	.1193	25.718	25.340	9
100:	25.737	.1587	26.025	25.483	9
125:	26.178	.1947	26.491	25.896	9
150:	26.450	.1133	26.606	26.264	9
175:	26.606	.0689	26.700	26.479	9
200:	26.683	.0563	26.771	26.605	9
225:	26.731	.0420	26.799	26.673	9
250:	26.779	.0379	26.831	26.734	9
300:	26.858	.0322	26.896	26.813	9
400:	26.982	.0362	27.034	26.932	8
500:	27.082	.0303	27.110	27.038	5
600:	27.174	.0233	27.195	27.136	5
700:	27.249	.0207	27.270	27.218	5
800:	27.313	.0230	27.338	27.287	5
900:	27.366	.0162	27.385	27.346	5
1000:	27.411	.0132	27.430	27.398	5
1200:	27.492	.0087	27.503	27.482	5
1500:	27.582	.0102	27.594	27.573	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	246.6	10.96	265.0	232.3	9
10:	246.0	10.45	265.3	232.4	9
20:	247.1	12.05	272.3	232.5	9
30:	246.2	11.57	271.5	232.6	9
50:	245.1	10.87	268.9	232.1	9
75:	241.2	11.43	265.4	229.2	9
100:	227.8	15.15	252.1	200.4	9
125:	186.2	18.46	213.1	156.5	9
150:	160.7	10.77	178.4	145.9	9
175:	146.2	6.61	158.4	137.3	9
200:	139.2	5.51	146.8	130.7	9
225:	134.8	4.19	140.6	128.2	9
250:	130.4	3.81	134.9	125.3	9
300:	123.1	3.21	127.6	119.4	9
400:	112.0	3.58	116.9	106.9	8
500:	103.2	3.04	107.5	100.5	5
600:	95.2	2.33	98.9	93.1	5
700:	88.6	2.12	91.7	86.5	5
800:	83.0	2.29	85.6	80.5	5
900:	78.4	1.61	80.3	76.5	5
1000:	74.4	1.31	75.8	72.6	5
1200:	67.3	.90	68.3	66.1	5
1500:	59.3	1.06	60.1	58.0	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

APRIL

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.96	.843	8.30	5.77	9
10:	6.92	.796	8.32	5.77	9
20:	6.89	.774	8.27	5.77	9
30:	6.83	.731	8.23	5.77	9
50:	6.73	.657	7.97	5.77	9
75:	6.43	.644	7.72	5.66	9
100:	6.24	.558	7.42	5.71	9
125:	6.19	.404	6.73	5.55	9
150:	6.04	.365	6.70	5.53	9
175:	5.87	.390	6.51	5.30	9
200:	5.65	.446	6.32	4.87	9
225:	5.42	.425	6.03	4.79	9
250:	5.20	.397	5.76	4.63	9
300:	4.76	.325	5.31	4.35	9
400:	4.22	.194	4.50	3.98	8
500:	3.97	.170	4.15	3.75	5
600:	3.74	.138	3.89	3.57	5
700:	3.57	.107	3.69	3.42	5
800:	3.38	.088	3.47	3.26	5
900:	3.19	.055	3.25	3.13	5
1000:	3.01	.033	3.05	2.98	5
1200:	2.68	.033	2.71	2.63	5
1500:	2.26	.034	2.31	2.22	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	246.6	10.96	265.0	232.3	9
10:	245.9	10.49	265.1	232.2	9
20:	246.8	12.03	272.0	232.2	9
30:	245.8	11.54	271.0	232.2	9
50:	244.4	10.81	268.1	231.6	9
75:	240.3	11.34	264.2	228.3	9
100:	226.5	15.08	250.6	199.1	9
125:	184.5	18.46	211.3	154.8	9
150:	158.7	10.75	176.4	143.9	9
175:	143.9	6.52	155.9	135.0	9
200:	136.6	5.34	143.9	128.2	9
225:	132.0	3.98	137.4	125.5	9
250:	127.4	3.57	131.6	122.5	9
300:	119.8	3.01	124.1	116.3	9
400:	108.1	3.43	112.8	103.1	8
500:	98.6	2.85	102.7	95.9	5
600:	89.8	2.21	93.4	87.8	5
700:	82.6	1.95	85.5	80.6	5
800:	76.5	2.17	79.0	74.2	5
900:	71.4	1.52	73.3	69.6	5
1000:	67.1	1.23	68.4	65.4	5
1200:	59.4	.83	60.3	58.3	5
1500:	50.8	.97	51.6	49.6	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.25	.013	.27	.23	9
20:	.49	.021	.53	.46	9
30:	.74	.035	.81	.70	9
50:	1.23	.059	1.35	1.16	9
75:	1.85	.079	2.01	1.74	9
100:	2.43	.117	2.69	2.29	9
125:	2.95	.150	3.24	2.72	9
150:	3.38	.183	3.71	3.10	9
175:	3.76	.204	4.13	3.45	9
200:	4.12	.217	4.51	3.79	9
225:	4.46	.224	4.87	4.11	9
250:	4.79	.232	5.21	4.43	9
300:	5.42	.249	5.87	5.04	9
400:	6.65	.245	7.09	6.26	8
500:	7.74	.337	8.21	7.30	5
600:	8.73	.365	9.24	8.26	5
700:	9.65	.383	10.19	9.16	5
800:	10.50	.405	11.08	9.99	5
900:	11.31	.417	11.90	10.78	5
1000:	12.07	.433	12.68	11.52	5
1200:	13.49	.453	14.12	12.91	5
1500:	15.39	.463	16.04	14.80	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.01	.000	.01	.01	9
20:	.05	.000	.05	.05	9
30:	.11	.005	.12	.11	9
50:	.32	.012	.34	.30	9
75:	.71	.033	.77	.66	9
100:	1.23	.064	1.37	1.15	9
125:	1.82	.103	2.00	1.65	9
150:	2.42	.152	2.66	2.17	9
175:	3.06	.188	3.36	2.75	9
200:	3.74	.209	4.08	3.41	9
225:	4.48	.230	4.85	4.10	9
250:	5.28	.251	5.68	4.86	9
300:	7.05	.297	7.52	6.58	9
400:	11.29	.362	11.87	10.72	8
500:	16.24	.562	17.01	15.50	5
600:	21.77	.721	22.79	20.89	5
700:	27.85	.869	29.10	26.83	5
800:	34.39	1.028	35.86	33.21	5
900:	41.39	1.183	43.04	40.02	5
1000:	48.77	1.316	50.59	47.23	5
1200:	64.61	1.605	66.73	62.70	5
1500:	90.75	1.768	93.09	88.68	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

APRIL

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1475	3.4	1481	1471	9
10:	1475	3.2	1481	1471	9
20:	1475	3.1	1481	1471	9
30:	1475	2.9	1481	1471	9
50:	1475	2.5	1480	1472	9
75:	1475	2.5	1480	1472	9
100:	1474	2.1	1479	1473	9
125:	1475	1.6	1478	1473	9
150:	1476	1.6	1479	1474	9
175:	1475	1.7	1478	1473	9
200:	1475	1.9	1478	1472	9
225:	1474	1.8	1477	1472	9
250:	1474	1.7	1477	1472	9
300:	1473	1.4	1476	1472	9
400:	1473	.8	1474	1472	8
500:	1474	.7	1475	1473	5
600:	1474	.5	1475	1474	5
700:	1475	.4	1476	1475	5
800:	1476	.5	1477	1476	5
900:	1477	.5	1478	1477	5
1000:	1478	.5	1479	1478	5
1200:	1480	.5	1481	1480	5
1500:	1484	.0	1484	1484	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.076	.4331	12.684	11.524	5
10:	11.928	.4208	12.418	11.292	5
20:	11.579	.4083	12.150	11.060	5
30:	11.331	.3945	11.878	10.827	5
50:	10.836	.3673	11.337	10.362	5
75:	10.221	.3344	10.670	9.786	5
100:	9.618	.2988	9.997	9.214	5
125:	9.085	.2651	9.443	8.747	5
150:	8.637	.2356	8.971	8.360	5
175:	8.247	.2160	8.552	8.001	5
200:	7.889	.2046	8.174	7.661	5
225:	7.545	.1954	7.816	7.326	5
250:	7.213	.1873	7.474	7.004	5
300:	6.576	.1719	6.819	6.392	5
400:	5.407	.1370	5.598	5.267	5
500:	4.332	.1048	4.476	4.226	5
600:	3.345	.0768	3.446	3.264	5
700:	2.427	.0553	2.493	2.366	5
800:	1.572	.0326	1.608	1.532	5
900:	.769	.0141	.779	.745	5
1000:	.001	.0018	.004	.000	5
1200:	-1.412	.0264	-1.380	-1.439	5
1500:	-3.312	.0388	-3.271	-3.356	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

MAY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.74	1.179	12.60	7.09	26
10:	8.59	.948	11.04	7.10	26
20:	8.40	.852	9.66	6.85	26
30:	8.20	.820	9.44	6.37	26
50:	7.59	.770	8.61	6.21	26
75:	7.19	.749	8.20	5.98	26
100:	6.70	.564	7.66	5.79	26
125:	6.36	.397	7.11	5.59	26
150:	6.25	.393	6.94	5.55	26
175:	6.07	.382	6.75	5.38	26
200:	5.78	.376	6.31	5.04	26
225:	5.50	.350	6.06	4.87	26
250:	5.23	.336	5.75	4.65	26
300:	4.79	.315	5.43	4.24	26
400:	4.29	.209	4.87	3.90	26
500:	4.03	.166	4.42	3.71	23
600:	3.82	.115	4.07	3.61	23
700:	3.63	.104	3.89	3.45	23
800:	3.44	.083	3.67	3.31	23
900:	3.26	.071	3.44	3.15	23
1000:	3.07	.060	3.17	2.98	23
1200:	2.75	.047	2.82	2.67	23
1500:	2.35	.048	2.41	2.25	21
2000:	1.97	.055	2.02	1.91	3
2500:	1.72	.021	1.74	1.71	2
3000:	1.65	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.537	.0875	32.665	32.309	26
10:	32.523	.0820	32.670	32.279	26
20:	32.524	.0744	32.660	32.356	26
30:	32.525	.0758	32.660	32.311	26
50:	32.553	.0576	32.660	32.460	26
75:	32.596	.0745	32.720	32.501	26
100:	32.803	.1623	33.185	32.566	26
125:	33.235	.1933	33.550	32.756	26
150:	33.599	.1213	33.844	33.310	26
175:	33.770	.0724	33.891	33.551	26
200:	33.837	.0512	33.910	33.714	26
225:	33.859	.0423	33.920	33.749	26
250:	33.876	.0366	33.962	33.780	26
300:	33.908	.0346	34.020	33.837	26
400:	33.998	.0337	34.092	33.947	26
500:	34.087	.0249	34.138	34.040	23
600:	34.170	.0232	34.216	34.124	23
700:	34.239	.0209	34.290	34.200	23
800:	34.293	.0188	34.333	34.257	23
900:	34.340	.0168	34.378	34.299	23
1000:	34.380	.0155	34.411	34.340	23
1200:	34.443	.0164	34.480	34.404	23
1500:	34.510	.0218	34.550	34.462	21
2000:	34.590	.0072	34.598	34.584	3
2500:	34.628	.0041	34.631	34.626	2
3000:	34.656	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.248	.2061	25.589	24.650	26
10:	25.263	.1781	25.596	24.825	26
20:	25.293	.1537	25.621	25.040	26
30:	25.324	.1411	25.684	25.119	26
50:	25.433	.1249	25.703	25.247	26
75:	25.522	.1149	25.753	25.308	26
100:	25.752	.1338	25.986	25.488	26
125:	26.137	.1547	26.362	25.749	26
150:	26.437	.0911	26.587	26.253	26
175:	26.595	.0508	26.685	26.497	26
200:	26.683	.0346	26.759	26.625	26
225:	26.736	.0308	26.792	26.680	26
250:	26.780	.0313	26.842	26.723	26
300:	26.856	.0279	26.913	26.815	26
400:	26.981	.0290	27.041	26.930	26
500:	27.081	.0266	27.131	27.032	23
600:	27.167	.0242	27.210	27.127	23
700:	27.241	.0206	27.284	27.206	23
800:	27.302	.0184	27.340	27.273	23
900:	27.357	.0148	27.385	27.332	23
1000:	27.406	.0130	27.427	27.382	23
1200:	27.485	.0137	27.513	27.458	23
1500:	27.573	.0183	27.605	27.533	21
2000:	27.668	.0093	27.679	27.663	3
2500:	27.717	.0047	27.720	27.714	2
3000:	27.745	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	273.1	19.62	330.0	240.6	26
10:	271.8	16.97	313.6	240.1	26
20:	269.1	14.65	293.2	237.8	26
30:	266.3	13.47	285.9	232.0	26
50:	256.2	11.95	274.0	230.3	26
75:	248.0	11.03	268.5	225.9	26
100:	226.4	12.73	251.6	204.3	26
125:	190.2	14.68	226.9	168.9	26
150:	162.1	8.66	179.6	147.7	26
175:	147.4	4.86	156.4	138.7	26
200:	139.2	3.37	144.9	131.7	26
225:	134.4	3.03	139.8	128.8	26
250:	130.3	3.08	135.9	124.1	26
300:	123.3	2.79	127.5	117.6	26
400:	112.1	2.83	117.1	106.3	26
500:	101.3	2.64	106.4	98.5	23
600:	95.7	2.38	99.7	91.5	23
700:	89.3	2.07	92.6	85.2	23
800:	84.0	1.62	87.0	80.3	23
900:	79.2	1.46	81.8	76.7	23
1000:	74.9	1.29	77.2	72.7	23
1200:	67.9	1.31	70.3	65.4	23
1500:	59.9	1.74	63.7	56.8	21
2000:	51.7	1.08	52.5	50.5	3
2500:	47.7	.57	48.1	47.3	2
3000:	46.2	----- N/A -----			1

MAY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.74	1.179	12.60	7.09	26
10:	8.59	.948	11.04	7.10	26
20:	8.40	.852	9.66	6.85	26
30:	8.20	.819	9.43	6.37	26
50:	7.58	.768	8.61	6.21	26
75:	7.19	.749	8.19	5.97	26
100:	6.69	.565	7.65	5.78	26
125:	6.34	.397	7.10	5.58	26
150:	6.24	.393	6.93	5.54	26
175:	6.05	.380	6.73	5.37	26
200:	5.77	.376	6.29	5.03	26
225:	5.48	.351	6.04	4.86	26
250:	5.21	.335	5.73	4.63	26
300:	4.76	.313	5.40	4.22	26
400:	4.26	.208	4.83	3.87	26
500:	3.99	.166	4.36	3.68	23
600:	3.77	.119	4.02	3.56	23
700:	3.58	.104	3.84	3.40	23
800:	3.38	.083	3.61	3.25	23
900:	3.19	.071	3.38	3.09	23
1000:	3.00	.060	3.10	2.91	23
1200:	2.67	.047	2.74	2.59	23
1500:	2.25	.047	2.31	2.15	21
2000:	1.83	.055	1.88	1.77	3
2500:	1.54	.021	1.56	1.53	2
3000:	1.42	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	273.1	19.62	330.0	240.6	26
10:	271.6	16.94	313.3	240.0	26
20:	268.8	14.62	292.8	237.5	26
30:	265.8	13.42	285.3	231.6	26
50:	255.4	11.88	273.1	229.7	26
75:	246.9	10.91	267.2	225.0	26
100:	225.0	12.71	250.1	202.8	26
125:	188.4	14.70	225.3	167.1	26
150:	160.0	8.69	177.3	145.7	26
175:	144.9	4.80	154.2	136.4	26
200:	136.6	3.27	142.0	129.4	26
225:	131.5	2.92	136.8	126.2	26
250:	127.3	2.95	132.7	121.5	26
300:	120.0	2.63	124.0	114.7	26
400:	108.1	2.74	113.0	102.5	26
500:	98.7	2.52	103.3	93.9	23
600:	90.4	2.28	94.2	86.4	23
700:	83.3	1.96	86.7	79.3	23
800:	77.5	1.72	80.2	73.9	23
900:	72.2	1.39	74.6	69.6	23
1000:	67.5	1.24	69.9	65.6	23
1200:	60.0	1.28	62.6	57.4	23
1500:	51.6	1.74	55.4	48.5	21
2000:	42.4	.84	42.9	41.4	3
2500:	37.4	.35	37.7	37.2	2
3000:	34.5	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	26
10:	.27	.018	.32	.24	26
20:	.54	.034	.63	.48	26
30:	.81	.047	.92	.72	26
50:	1.34	.070	1.48	1.18	26
75:	1.97	.098	2.17	1.75	26
100:	2.56	.113	2.77	2.30	26
125:	3.08	.125	3.28	2.80	26
150:	3.52	.140	3.72	3.23	26
175:	3.91	.150	4.12	3.60	26
200:	4.26	.157	4.48	3.94	26
225:	4.60	.163	4.82	4.25	26
250:	4.94	.167	5.16	4.57	26
300:	5.57	.173	5.80	5.20	26
400:	6.75	.196	7.01	6.28	26
500:	7.81	.227	8.12	7.31	23
600:	8.81	.246	9.15	8.25	23
700:	9.73	.262	10.10	9.12	23
800:	10.59	.272	10.99	9.96	23
900:	11.41	.285	11.82	10.74	23
1000:	12.18	.293	12.59	11.49	23
1200:	13.60	.314	14.04	12.85	23
1500:	15.52	.349	16.01	14.77	21
2000:	18.68	.085	18.76	18.59	3
2500:	21.16	.099	21.23	21.09	2
3000:	23.43	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	26
10:	.01	.003	.02	.01	26
20:	.06	.005	.06	.05	26
30:	.12	.008	.14	.11	26
50:	.34	.016	.37	.30	26
75:	.74	.036	.81	.66	26
100:	1.27	.051	1.35	1.15	26
125:	1.87	.076	2.00	1.72	26
150:	2.48	.105	2.64	2.32	26
175:	3.12	.125	3.32	2.94	26
200:	3.80	.138	4.03	3.59	26
225:	4.54	.152	4.79	4.27	26
250:	5.34	.164	5.60	5.04	26
300:	7.12	.187	7.43	6.80	26
400:	11.31	.285	11.83	10.67	26
500:	16.23	.413	16.87	15.39	23
600:	21.80	.545	22.78	20.69	23
700:	27.91	.676	29.06	26.47	23
800:	34.51	.793	35.92	32.81	23
900:	41.57	.915	43.22	39.64	23
1000:	49.03	1.024	50.91	46.90	23
1200:	64.97	1.283	67.28	62.14	23
1500:	91.28	1.816	94.20	87.69	21
2000:	142.65	.646	143.38	142.16	3
2500:	199.91	.183	200.04	199.78	2
3000:	265.50	----- N/A -----			1

MAY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.94	----- N/A -----			1
10:	6.97	----- N/A -----			1
20:	6.96	----- N/A -----			1
30:	6.96	----- N/A -----			1
50:	6.90	----- N/A -----			1
75:	6.96	----- N/A -----			1
100:	6.43	----- N/A -----			1
125:	5.75	----- N/A -----			1
150:	4.88	----- N/A -----			1
175:	4.08	----- N/A -----			1
200:	4.03	----- N/A -----			1
225:	3.91	----- N/A -----			1
250:	3.68	----- N/A -----			1
300:	3.03	----- N/A -----			1
400:	1.69	----- N/A -----			1
500:	.94	----- N/A -----			1
600:	.58	----- N/A -----			1
700:	.41	----- N/A -----			1
800:	.39	----- N/A -----			1
900:	.39	----- N/A -----			1
1000:	.41	----- N/A -----			1
1200:	.64	----- N/A -----			1
1500:	.70	----- N/A -----			1
2000:	1.37	----- N/A -----			1
2500:	1.91	----- N/A -----			1
3000:	2.43	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1482	4.5	1497	1476	26
10:	1482	3.6	1491	1476	26
20:	1481	3.1	1486	1476	26
30:	1480	3.1	1486	1474	26
50:	1478	3.0	1483	1474	26
75:	1477	2.9	1482	1473	26
100:	1476	2.3	1480	1473	26
125:	1476	1.5	1479	1473	26
150:	1476	1.7	1480	1473	26
175:	1476	1.7	1479	1474	26
200:	1475	1.6	1478	1473	26
225:	1475	1.3	1477	1473	26
250:	1474	1.4	1477	1472	26
300:	1473	1.2	1476	1471	26
400:	1473	.9	1476	1472	26
500:	1473	.8	1476	1473	23
600:	1474	.5	1476	1474	23
700:	1475	.5	1477	1475	23
800:	1476	.6	1478	1476	23
900:	1477	.5	1478	1477	23
1000:	1478	.5	1479	1478	23
1200:	1480	.5	1481	1480	23
1500:	1483	.3	1484	1483	21
2000:	1490	.6	1491	1490	3
2500:	1498	.0	1498	1498	2
3000:	1506	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.179	.2933	12.594	11.498	23
10:	11.908	.2821	12.312	11.252	23
20:	11.639	.2729	12.051	11.011	23
30:	11.370	.2660	11.796	10.776	23
50:	10.848	.2541	11.300	10.318	23
75:	10.216	.2413	10.696	9.744	23
100:	9.623	.2241	10.080	9.197	23
125:	9.098	.1971	9.471	8.695	23
150:	8.660	.1802	8.977	8.269	23
175:	8.274	.1730	8.580	7.895	23
200:	7.919	.1681	8.215	7.555	23
225:	7.580	.1631	7.863	7.241	23
250:	7.250	.1579	7.520	6.923	23
300:	6.615	.1500	6.862	6.294	23
400:	5.441	.1175	5.653	5.215	23
500:	4.365	.0912	4.534	4.187	23
600:	3.371	.0662	3.497	3.241	23
700:	2.448	.0457	2.535	2.368	23
800:	1.585	.0291	1.637	1.537	23
900:	.770	.0129	.795	.751	23
1000:	.000	.0000	.000	.000	23
1200:	-1.421	.0306	-1.360	-1.476	23
1500:	-3.334	.0714	-3.186	-3.452	21
2000:	-6.163	.0119	-6.155	-6.177	3
2500:	-8.653	.0085	-8.647	-8.659	2
3000:	-11.003	----- N/A -----			1

JUNE

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.05	.930	12.50	9.80	15
10:	11.01	.956	12.28	9.48	15
20:	10.60	1.016	12.25	8.99	15
30:	9.60	.892	11.35	7.68	15
50:	8.03	.801	9.31	6.32	15
75:	7.05	.670	8.14	5.68	15
100:	6.57	.568	7.65	5.58	15
125:	6.36	.540	7.83	5.42	15
150:	6.23	.516	7.73	5.56	15
175:	6.07	.528	7.52	5.46	15
200:	5.83	.546	7.35	5.22	15
225:	5.57	.559	7.19	5.02	15
250:	5.31	.572	7.01	4.77	15
300:	4.89	.578	6.76	4.40	15
400:	4.31	.155	4.58	4.01	12
500:	4.02	.082	4.17	3.85	11
600:	3.81	.088	3.98	3.69	11
700:	3.63	.077	3.74	3.50	11
800:	3.45	.070	3.57	3.33	11
900:	3.28	.079	3.43	3.16	11
1000:	3.11	.079	3.25	3.00	11
1200:	2.76	.073	2.87	2.65	11
1500:	2.36	.054	2.43	2.22	11
2000:	1.99	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.471	.1377	32.668	32.180	15
10:	32.463	.1242	32.608	32.180	15
20:	32.464	.1204	32.600	32.188	15
30:	32.489	.0928	32.610	32.320	15
50:	32.528	.0763	32.630	32.400	15
75:	32.603	.1013	32.780	32.430	15
100:	32.833	.2294	33.350	32.535	15
125:	33.221	.2294	33.570	32.715	15
150:	33.590	.1232	33.740	33.317	15
175:	33.762	.0651	33.860	33.640	15
200:	33.827	.0414	33.900	33.754	15
225:	33.850	.0381	33.910	33.794	15
250:	33.865	.0378	33.910	33.800	15
300:	33.887	.0338	33.940	33.830	15
400:	33.988	.0290	34.035	33.941	12
500:	34.084	.0325	34.130	34.039	11
600:	34.158	.0230	34.193	34.126	11
700:	34.225	.0215	34.248	34.181	11
800:	34.287	.0219	34.316	34.245	11
900:	34.339	.0238	34.360	34.295	11
1000:	34.377	.0200	34.390	34.340	11
1200:	34.438	.0254	34.471	34.393	11
1500:	34.501	.0349	34.571	34.444	11
2000:	34.580	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.819	.1900	25.095	24.422	15
10:	24.819	.1971	25.143	24.422	15
20:	24.891	.1768	25.245	24.610	15
30:	25.078	.1258	25.305	24.877	15
50:	25.351	.1203	25.666	25.196	15
75:	25.547	.1186	25.758	25.319	15
100:	25.792	.1586	26.052	25.574	15
125:	26.125	.1616	26.438	25.842	15
150:	26.432	.0965	26.600	26.301	15
175:	26.588	.0732	26.698	26.445	15
200:	26.668	.0638	26.752	26.494	15
225:	26.718	.0585	26.783	26.542	15
250:	26.761	.0589	26.828	26.581	15
300:	26.827	.0629	26.889	26.622	15
400:	26.972	.0289	27.008	26.906	12
500:	27.079	.0268	27.111	27.039	11
600:	27.159	.0182	27.185	27.131	11
700:	27.230	.0197	27.259	27.192	11
800:	27.297	.0207	27.331	27.258	11
900:	27.355	.0196	27.379	27.317	11
1000:	27.400	.0159	27.421	27.373	11
1200:	27.481	.0233	27.509	27.441	11
1500:	27.565	.0292	27.621	27.520	11
2000:	27.659	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	313.9	18.10	351.8	287.6	15
10:	314.1	18.81	352.0	283.2	15
20:	307.5	16.86	334.2	273.7	15
30:	289.8	12.00	309.0	268.2	15
50:	264.0	11.51	278.8	233.9	15
75:	245.6	11.34	267.4	225.3	15
100:	222.6	15.02	243.3	198.1	15
125:	191.3	15.30	217.9	161.5	15
150:	162.5	9.20	174.6	146.4	15
175:	148.0	7.07	162.1	137.4	15
200:	140.7	6.25	157.8	132.5	15
225:	136.1	5.80	153.6	129.8	15
250:	132.2	5.86	150.1	125.6	15
300:	126.2	6.32	146.9	120.3	15
400:	113.0	2.83	119.5	109.6	12
500:	103.5	2.55	107.3	100.5	11
600:	96.5	1.76	99.3	94.1	11
700:	90.4	1.91	94.0	87.4	11
800:	84.5	2.03	88.3	81.1	11
900:	79.5	1.88	83.1	77.0	11
1000:	75.5	1.56	78.0	73.3	11
1200:	68.3	2.30	72.2	65.7	11
1500:	60.7	2.78	64.9	55.6	11
2000:	52.7	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JUNE

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.05	.930	12.50	9.80	15
10:	11.01	.956	12.28	9.48	15
20:	10.60	1.016	12.25	8.94	15
30:	9.60	.892	11.35	7.68	15
50:	8.03	.797	9.30	6.32	15
75:	7.04	.671	8.13	5.67	15
100:	6.57	.566	7.64	5.58	15
125:	6.35	.540	7.82	5.41	15
150:	6.22	.518	7.72	5.54	15
175:	6.05	.525	7.50	5.45	15
200:	5.82	.547	7.34	5.21	15
225:	5.55	.557	7.16	5.00	15
250:	5.29	.572	6.99	4.75	15
300:	4.86	.578	6.74	4.38	15
400:	4.28	.155	4.55	3.98	12
500:	3.98	.083	4.13	3.81	11
600:	3.77	.088	3.94	3.65	11
700:	3.58	.074	3.69	3.45	11
800:	3.39	.069	3.51	3.28	11
900:	3.21	.080	3.37	3.09	11
1000:	3.04	.079	3.18	2.93	11
1200:	2.68	.073	2.79	2.57	11
1500:	2.26	.053	2.33	2.12	11
2000:	1.85	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	313.9	18.11	351.8	287.6	15
10:	313.8	18.78	351.7	283.0	15
20:	307.0	16.80	333.7	273.3	15
30:	289.2	11.98	308.3	267.6	15
50:	263.2	11.45	277.9	233.2	15
75:	244.5	11.26	266.2	224.5	15
100:	221.3	15.06	242.0	196.5	15
125:	189.6	15.34	216.5	159.9	15
150:	160.4	9.15	172.8	144.5	15
175:	145.6	6.93	159.1	135.1	15
200:	138.0	6.02	154.4	130.0	15
225:	133.2	5.55	149.9	127.0	15
250:	129.1	5.56	146.1	122.8	15
300:	122.8	5.94	142.2	117.0	15
400:	109.0	2.75	115.3	105.6	12
500:	98.8	2.52	102.6	95.8	11
600:	91.2	1.73	93.9	88.7	11
700:	84.4	1.86	88.0	81.6	11
800:	78.0	1.95	81.7	74.8	11
900:	72.5	1.85	76.1	70.3	11
1000:	68.2	1.51	70.7	66.2	11
1200:	60.4	2.21	64.2	57.8	11
1500:	52.3	2.77	56.6	47.0	11
2000:	43.2	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.31	.017	.35	.29	15
20:	.63	.035	.69	.57	15
30:	.93	.048	1.00	.84	15
50:	1.49	.056	1.54	1.37	15
75:	2.13	.077	2.23	1.95	15
100:	2.70	.095	2.85	2.50	15
125:	3.22	.109	3.38	3.04	15
150:	3.66	.119	3.84	3.42	15
175:	4.05	.127	4.25	3.78	15
200:	4.41	.133	4.63	4.13	15
225:	4.75	.139	4.98	4.45	15
250:	5.09	.147	5.33	4.78	15
300:	5.74	.160	6.00	5.42	15
400:	6.95	.158	7.25	6.74	12
500:	8.04	.182	8.36	7.80	11
600:	9.04	.196	9.39	8.78	11
700:	9.97	.207	10.33	9.71	11
800:	10.85	.216	11.20	10.57	11
900:	11.66	.233	12.02	11.36	11
1000:	12.44	.244	12.79	12.11	11
1200:	13.88	.271	14.23	13.51	11
1500:	15.80	.316	16.21	15.40	11
2000:	18.21	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.02	.003	.02	.01	15
20:	.06	.005	.07	.06	15
30:	.14	.008	.15	.13	15
50:	.37	.012	.38	.34	15
75:	.78	.029	.82	.71	15
100:	1.29	.052	1.37	1.20	15
125:	1.88	.078	1.99	1.75	15
150:	2.50	.107	2.65	2.28	15
175:	3.14	.122	3.31	2.88	15
200:	3.83	.140	4.03	3.54	15
225:	4.58	.158	4.79	4.25	15
250:	5.39	.179	5.64	5.05	15
300:	7.21	.238	7.69	6.64	15
400:	11.44	.257	11.96	11.09	12
500:	16.41	.378	17.13	15.93	11
600:	21.99	.465	22.79	21.42	11
700:	28.17	.546	29.00	27.60	11
800:	34.84	.650	35.75	34.14	11
900:	41.93	.823	43.15	40.98	11
1000:	49.44	.953	50.93	48.23	11
1200:	65.56	1.315	67.70	63.93	11
1500:	92.00	2.254	95.69	89.20	11
2000:	137.41	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JUNE

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1490	3.3	1496	1487	15
10:	1490	3.4	1495	1485	15
20:	1489	3.5	1495	1484	15
30:	1486	3.4	1493	1479	15
50:	1480	3.2	1486	1474	15
75:	1477	2.6	1481	1472	15
100:	1476	2.5	1481	1472	15
125:	1476	2.2	1482	1472	15
150:	1476	2.3	1483	1473	15
175:	1476	2.2	1482	1474	15
200:	1476	2.1	1482	1474	15
225:	1475	2.4	1482	1473	15
250:	1474	2.4	1482	1473	15
300:	1473	2.5	1482	1472	15
400:	1473	.6	1474	1472	12
500:	1473	.3	1474	1473	11
600:	1474	.5	1475	1474	11
700:	1475	.5	1476	1475	11
800:	1476	.5	1477	1476	11
900:	1477	.5	1478	1477	11
1000:	1478	.5	1479	1478	11
1200:	1480	.5	1481	1480	11
1500:	1483	.3	1484	1483	11
2000:	1491	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.438	.2446	12.791	12.105	11
10:	12.121	.2413	12.456	11.813	11
20:	11.805	.2388	12.135	11.519	11
30:	11.499	.2382	11.837	11.235	11
50:	10.938	.2359	11.281	10.705	11
75:	10.290	.2214	10.598	10.054	11
100:	9.704	.1928	9.968	9.490	11
125:	9.177	.1717	9.418	8.981	11
150:	8.730	.1589	8.947	8.549	11
175:	8.342	.1533	8.549	8.161	11
200:	7.983	.1490	8.183	7.801	11
225:	7.642	.1439	7.838	7.461	11
250:	7.307	.1384	7.499	7.131	11
300:	6.665	.1324	6.857	6.492	11
400:	5.478	.1118	5.663	5.315	11
500:	4.395	.0913	4.562	4.268	11
600:	3.400	.0739	3.546	3.288	11
700:	2.466	.0581	2.583	2.378	11
800:	1.594	.0383	1.666	1.538	11
900:	.775	.0173	.803	.748	11
1000:	.000	.0000	.000	.000	11
1200:	-1.437	.0346	-1.397	-1.495	11
1500:	-3.360	.1127	-3.202	-3.532	11
2000:	-5.904	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JULY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.10	1.303	15.12	11.54	8
10:	12.61	1.419	15.01	11.32	8
20:	12.00	1.185	14.42	10.54	8
30:	10.92	1.259	13.30	9.60	8
50:	8.56	1.090	9.62	6.85	8
75:	7.16	.700	8.22	6.26	8
100:	6.77	.609	7.59	5.98	8
125:	6.48	.627	7.88	5.96	8
150:	6.48	.637	7.85	5.79	8
175:	6.24	.615	7.53	5.63	8
200:	5.99	.649	7.35	5.38	8
225:	5.71	.675	7.19	5.10	8
250:	5.43	.650	6.88	4.84	8
300:	5.03	.578	6.32	4.60	8
400:	4.51	.458	5.51	4.01	8
500:	4.22	.447	4.99	3.82	5
600:	3.95	.353	4.56	3.64	5
700:	3.75	.324	4.29	3.49	5
800:	3.53	.277	3.99	3.26	5
900:	3.32	.248	3.74	3.10	5
1000:	3.13	.216	3.48	2.92	5
1200:	2.78	.131	2.98	2.64	5
1500:	2.37	.074	2.46	2.27	5
2000:	1.89	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.398	.1626	32.583	32.170	8
10:	32.386	.1681	32.571	32.156	8
20:	32.401	.1695	32.575	32.160	8
30:	32.458	.1274	32.575	32.200	8
50:	32.540	.0382	32.598	32.480	8
75:	32.608	.0466	32.704	32.564	8
100:	32.793	.1515	33.095	32.653	8
125:	33.224	.1736	33.480	33.026	8
150:	33.603	.1223	33.778	33.409	8
175:	33.781	.0766	33.849	33.647	8
200:	33.834	.0587	33.897	33.711	8
225:	33.854	.0460	33.899	33.754	8
250:	33.873	.0374	33.910	33.792	8
300:	33.912	.0257	33.938	33.866	8
400:	33.995	.0376	34.060	33.960	8
500:	34.069	.0295	34.099	34.032	5
600:	34.145	.0280	34.175	34.115	5
700:	34.214	.0245	34.240	34.186	5
800:	34.276	.0212	34.296	34.246	5
900:	34.326	.0256	34.346	34.288	5
1000:	34.369	.0245	34.388	34.330	5
1200:	34.427	.0245	34.445	34.387	5
1500:	34.495	.0253	34.516	34.456	5
2000:	34.597	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.375	.2951	24.812	23.958	8
10:	24.461	.3400	24.891	23.980	8
20:	24.590	.2807	24.992	24.186	8
30:	24.829	.2203	25.025	24.430	8
50:	25.279	.1362	25.505	25.136	8
75:	25.537	.0877	25.663	25.405	8
100:	25.734	.1228	25.892	25.533	8
125:	26.110	.0957	26.253	26.007	8
150:	26.409	.1008	26.568	26.274	8
175:	26.582	.0851	26.688	26.438	8
200:	26.653	.0772	26.740	26.499	8
225:	26.704	.0764	26.781	26.540	8
250:	26.752	.0707	26.820	26.599	8
300:	26.830	.0661	26.890	26.693	8
400:	26.955	.0616	27.002	26.819	8
500:	27.045	.0657	27.086	26.932	5
600:	27.133	.0512	27.173	27.046	5
700:	27.209	.0459	27.246	27.131	5
800:	27.280	.0328	27.308	27.225	5
900:	27.340	.0320	27.364	27.288	5
1000:	27.392	.0262	27.416	27.352	5
1200:	27.470	.0198	27.488	27.447	5
1500:	27.560	.0188	27.578	27.537	5
2000:	27.680	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	356.2	28.14	395.9	314.5	8
10:	348.2	32.43	394.1	312.0	8
20:	336.2	26.80	374.8	297.8	8
30:	313.5	21.05	351.7	294.9	8
50:	270.9	13.07	284.6	249.2	8
75:	246.6	8.42	259.3	234.5	8
100:	228.2	11.69	247.4	213.3	8
125:	192.7	9.04	202.4	179.1	8
150:	164.7	9.64	178.0	149.7	8
175:	148.7	8.22	162.8	138.5	8
200:	142.1	7.55	157.3	133.7	8
225:	137.4	7.54	153.7	129.9	8
250:	133.0	7.03	148.4	126.5	8
300:	125.9	6.63	139.8	120.1	8
400:	114.8	6.17	128.5	110.2	8
500:	106.9	6.65	118.4	102.7	5
600:	99.2	5.26	108.2	95.2	5
700:	92.5	4.78	100.7	88.8	5
800:	86.2	3.55	92.3	83.3	5
900:	81.0	3.40	86.7	78.5	5
1000:	76.3	2.82	80.9	73.8	5
1200:	69.4	2.00	72.1	67.5	5
1500:	61.3	1.73	63.1	59.5	5
2000:	50.3	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JULY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.10	1.303	15.12	11.54	8
10:	12.61	1.419	15.01	11.32	8
20:	12.00	1.185	14.42	10.54	8
30:	10.92	1.259	13.30	9.60	8
50:	8.55	1.086	9.61	6.85	8
75:	7.15	.701	8.21	6.25	8
100:	6.76	.609	7.58	5.97	8
125:	6.47	.627	7.87	5.95	8
150:	6.46	.635	7.83	5.77	8
175:	6.22	.614	7.51	5.61	8
200:	5.97	.647	7.33	5.37	8
225:	5.69	.675	7.17	5.08	8
250:	5.41	.650	6.86	4.82	8
300:	5.01	.575	6.29	4.58	8
400:	4.48	.457	5.48	3.98	8
500:	4.18	.445	4.95	3.79	5
600:	3.91	.353	4.52	3.60	5
700:	3.69	.324	4.24	3.39	5
800:	3.47	.270	3.92	3.21	5
900:	3.26	.244	3.67	3.04	5
1000:	3.06	.216	3.41	2.85	5
1200:	2.70	.126	2.89	2.56	5
1500:	2.27	.074	2.36	2.17	5
2000:	1.75	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	356.1	28.14	395.9	314.5	8
10:	347.9	32.40	393.8	311.7	8
20:	335.7	26.75	374.2	297.3	8
30:	312.9	21.00	350.9	294.2	8
50:	270.1	12.97	283.6	248.5	8
75:	245.5	8.32	258.0	233.5	8
100:	226.7	11.66	245.8	211.7	8
125:	190.9	9.09	200.8	177.4	8
150:	162.6	9.55	175.3	147.5	8
175:	146.2	8.07	159.8	136.1	8
200:	139.4	7.34	154.0	131.1	8
225:	134.5	7.23	150.0	127.2	8
250:	129.9	6.68	144.4	123.6	8
300:	122.4	6.24	135.4	116.8	8
400:	110.6	5.80	123.4	106.2	8
500:	102.1	6.18	112.7	98.2	5
600:	93.6	4.84	101.9	89.9	5
700:	86.4	4.31	93.7	82.9	5
800:	79.5	3.07	84.7	76.9	5
900:	73.9	3.00	78.7	71.6	5
1000:	68.9	2.51	72.7	66.6	5
1200:	61.5	1.68	63.6	59.7	5
1500:	52.8	1.81	55.1	51.1	5
2000:	41.3	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	8
10:	.35	.029	.40	.32	8
20:	.70	.058	.78	.63	8
30:	1.02	.081	1.14	.93	8
50:	1.61	.102	1.78	1.51	8
75:	2.26	.112	2.44	2.13	8
100:	2.85	.133	3.04	2.69	8
125:	3.37	.142	3.60	3.21	8
150:	3.82	.138	4.05	3.64	8
175:	4.21	.137	4.44	4.00	8
200:	4.57	.135	4.79	4.34	8
225:	4.92	.137	5.13	4.67	8
250:	5.26	.145	5.47	4.99	8
300:	5.90	.166	6.14	5.61	8
400:	7.10	.219	7.42	6.75	8
500:	8.26	.328	8.67	7.82	5
600:	9.30	.380	9.80	8.81	5
700:	10.25	.425	10.84	9.73	5
800:	11.15	.465	11.81	10.59	5
900:	11.99	.496	12.71	11.40	5
1000:	12.78	.555	13.63	12.16	5
1200:	14.22	.553	15.05	13.58	5
1500:	16.17	.594	17.07	15.48	5
2000:	18.66	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	8
10:	.02	.000	.02	.02	8
20:	.07	.008	.08	.06	8
30:	.15	.012	.17	.14	8
50:	.39	.021	.43	.37	8
75:	.81	.029	.85	.76	8
100:	1.33	.055	1.41	1.25	8
125:	1.93	.067	2.04	1.85	8
150:	2.56	.071	2.67	2.45	8
175:	3.20	.079	3.31	3.05	8
200:	3.90	.101	3.99	3.70	8
225:	4.65	.132	4.82	4.40	8
250:	5.47	.172	5.74	5.17	8
300:	7.28	.263	7.77	6.91	8
400:	11.55	.467	12.51	11.01	8
500:	16.71	.953	18.26	15.90	5
600:	22.48	1.265	24.56	21.45	5
700:	28.82	1.589	31.46	27.54	5
800:	35.66	1.907	38.85	34.11	5
900:	42.92	2.207	46.66	41.12	5
1000:	50.70	2.911	55.73	48.52	5
1200:	66.76	2.931	71.77	64.38	5
1500:	93.67	3.582	99.66	90.47	5
2000:	140.82	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JULY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.66	----- N/A -----			1
10:	6.66	----- N/A -----			1
20:	6.73	----- N/A -----			1
30:	6.77	----- N/A -----			1
50:	6.74	----- N/A -----			1
75:	6.56	----- N/A -----			1
100:	6.89	----- N/A -----			1
125:	4.82	----- N/A -----			1
150:	4.18	----- N/A -----			1
175:	4.16	----- N/A -----			1
200:	3.61	----- N/A -----			1
225:	3.35	----- N/A -----			1
250:	3.12	----- N/A -----			1
300:	2.11	----- N/A -----			1
400:	1.34	----- N/A -----			1
500:	.87	----- N/A -----			1
600:	.67	----- N/A -----			1
700:	.51	----- N/A -----			1
800:	.42	----- N/A -----			1
900:	.39	----- N/A -----			1
1000:	.36	----- N/A -----			1
1200:	.41	----- N/A -----			1
1500:	.68	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1497	4.4	1505	1493	8
10:	1496	4.7	1504	1492	8
20:	1494	4.1	1503	1490	8
30:	1490	4.3	1499	1486	8
50:	1482	4.4	1487	1476	8
75:	1477	2.8	1482	1474	8
100:	1477	2.4	1480	1474	8
125:	1476	2.8	1483	1474	8
150:	1477	2.6	1483	1475	8
175:	1477	2.2	1482	1475	8
200:	1476	2.6	1482	1474	8
225:	1476	2.8	1482	1473	8
250:	1475	2.6	1481	1473	8
300:	1474	2.4	1480	1473	8
400:	1474	1.8	1478	1472	8
500:	1474	1.9	1478	1473	5
600:	1475	1.5	1478	1474	5
700:	1476	1.1	1478	1475	5
800:	1477	1.2	1479	1476	5
900:	1477	1.3	1480	1477	5
1000:	1478	.9	1480	1478	5
1200:	1480	.5	1481	1480	5
1500:	1483	.4	1484	1483	5
2000:	1490	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.785	.5551	13.631	12.163	5
10:	12.424	.5386	13.266	11.847	5
20:	12.073	.5230	12.904	11.538	5
30:	11.735	.5184	12.570	11.230	5
50:	11.137	.5324	12.007	10.651	5
75:	10.481	.5454	11.380	10.002	5
100:	9.885	.5548	10.820	9.435	5
125:	9.360	.5586	10.314	8.933	5
150:	8.926	.5395	9.653	8.522	5
175:	8.541	.5141	9.425	8.161	5
200:	8.183	.4920	9.028	7.820	5
225:	7.836	.4687	8.640	7.495	5
250:	7.497	.4457	8.263	7.178	5
300:	6.846	.4015	7.537	6.556	5
400:	5.639	.3286	6.210	5.409	5
500:	4.521	.2517	4.959	4.342	5
600:	3.492	.1959	3.834	3.353	5
700:	2.535	.1472	2.792	2.433	5
800:	1.639	.1060	1.825	1.573	5
900:	.801	.0693	.924	.760	5
1000:	.000	.0000	.000	.000	5
1200:	-1.429	.0278	-1.410	-1.477	5
1500:	-3.386	.0720	-3.311	-3.478	5
2000:	-6.108	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

AUGUST

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	15.00	.842	16.37	13.08	17
10:	14.86	.834	16.23	13.08	17
20:	13.97	.943	15.17	12.44	17
30:	12.20	1.699	15.13	9.38	17
50:	9.19	1.761	14.13	7.12	17
75:	7.36	.962	9.70	5.72	17
100:	6.68	.626	7.87	5.49	17
125:	6.35	.435	7.11	5.32	17
150:	6.26	.357	6.77	5.53	17
175:	6.08	.370	6.58	5.41	17
200:	5.77	.364	6.23	5.12	17
225:	5.47	.371	5.99	4.83	17
250:	5.20	.369	5.80	4.55	17
300:	4.79	.321	5.43	4.25	17
400:	4.33	.201	4.63	3.96	17
500:	4.09	.166	4.32	3.77	14
600:	3.87	.132	4.04	3.62	14
700:	3.67	.107	3.82	3.45	14
800:	3.48	.085	3.62	3.31	14
900:	3.29	.078	3.43	3.15	14
1000:	3.11	.083	3.26	2.99	14
1200:	2.78	.041	2.85	2.72	14
1500:	2.37	.029	2.42	2.33	14
2000:	1.93	.010	1.94	1.92	3
2500:	1.72	.028	1.74	1.70	2
3000:	1.64	.000	1.64	1.64	2

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.397	.1696	32.590	32.080	17
10:	32.396	.1500	32.580	32.090	17
20:	32.438	.1318	32.580	32.090	17
30:	32.480	.1174	32.613	32.130	17
50:	32.540	.0988	32.672	32.344	17
75:	32.613	.0787	32.699	32.443	17
100:	32.755	.1303	32.985	32.568	17
125:	33.110	.2054	33.376	32.823	17
150:	33.540	.1359	33.720	33.256	17
175:	33.754	.0749	33.857	33.583	17
200:	33.817	.0554	33.904	33.720	17
225:	33.835	.0486	33.903	33.757	17
250:	33.853	.0431	33.913	33.780	17
300:	33.882	.0388	33.942	33.810	17
400:	33.975	.0342	34.042	33.930	17
500:	34.075	.0321	34.140	34.030	14
600:	34.158	.0303	34.212	34.098	14
700:	34.229	.0268	34.268	34.155	14
800:	34.286	.0295	34.318	34.204	14
900:	34.336	.0288	34.385	34.258	14
1000:	34.377	.0311	34.410	34.290	14
1200:	34.442	.0289	34.478	34.370	14
1500:	34.509	.0301	34.576	34.450	14
2000:	34.585	.0329	34.622	34.560	3
2500:	34.625	.0375	34.652	34.599	2
3000:	34.645	.0319	34.666	34.623	2

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	23.987	.1968	24.204	23.538	17
10:	24.016	.1968	24.400	23.600	17
20:	24.235	.1920	24.651	23.987	17
30:	24.606	.3420	25.150	24.086	17
50:	25.173	.3175	25.577	24.296	17
75:	25.511	.1493	25.772	25.135	17
100:	25.717	.1198	25.862	25.430	17
125:	26.039	.1565	26.235	25.753	17
150:	26.390	.1043	26.571	26.195	17
175:	26.580	.0592	26.687	26.490	17
200:	26.669	.0451	26.739	26.589	17
225:	26.719	.0383	26.788	26.649	17
250:	26.766	.0345	26.825	26.700	17
300:	26.835	.0388	26.901	26.755	17
400:	26.960	.0317	27.018	26.910	17
500:	27.065	.0285	27.101	27.015	14
600:	27.152	.0263	27.180	27.099	14
700:	27.229	.0229	27.254	27.170	14
800:	27.293	.0232	27.312	27.230	14
900:	27.351	.0244	27.375	27.287	14
1000:	27.400	.0268	27.434	27.328	14
1200:	27.482	.0248	27.510	27.421	14
1500:	27.571	.0249	27.626	27.524	14
2000:	27.667	.0266	27.697	27.647	3
2500:	27.715	.0283	27.735	27.695	2
3000:	27.737	.0262	27.756	27.719	2

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	393.2	18.78	436.0	372.5	17
10:	390.6	18.78	430.4	354.0	17
20:	370.1	18.31	393.7	330.4	17
30:	334.9	32.64	384.6	282.9	17
50:	281.1	30.37	365.0	242.4	17
75:	249.1	14.32	285.2	224.1	17
100:	229.8	11.45	257.3	216.1	17
125:	199.4	14.84	226.8	180.9	17
150:	166.5	9.90	185.0	149.2	17
175:	148.7	5.67	157.2	138.5	17
200:	140.5	4.34	148.2	133.7	17
225:	135.9	3.74	142.8	129.1	17
250:	131.7	3.40	138.2	125.6	17
300:	125.3	3.83	133.4	118.9	17
400:	114.2	3.11	119.0	108.3	17
500:	104.9	2.76	109.7	101.5	14
600:	97.2	2.58	102.4	94.2	14
700:	90.6	2.21	96.1	87.8	14
800:	85.0	2.21	90.8	82.8	14
900:	79.9	2.35	85.9	77.5	14
1000:	75.5	2.60	82.4	72.1	14
1200:	68.2	2.35	74.0	65.5	14
1500:	60.3	2.36	64.6	55.1	14
2000:	51.7	2.46	53.5	48.9	3
2500:	47.9	2.40	49.6	46.2	2
3000:	46.9	2.33	48.6	45.3	2

AUGUST

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	15.00	.842	16.37	13.08	17
10:	14.86	.834	16.23	13.08	17
20:	13.97	.942	15.16	12.44	17
30:	12.20	1.698	15.13	9.38	17
50:	9.18	1.759	14.12	7.12	17
75:	7.35	.962	9.69	5.71	17
100:	6.67	.625	7.86	5.47	17
125:	6.34	.435	7.10	5.31	17
150:	6.24	.356	6.75	5.52	17
175:	6.07	.368	6.57	5.40	17
200:	5.76	.364	6.22	5.10	17
225:	5.46	.372	5.97	4.81	17
250:	5.18	.368	5.78	4.53	17
300:	4.77	.321	5.41	4.23	17
400:	4.30	.201	4.60	3.93	17
500:	4.05	.163	4.28	3.74	14
600:	3.83	.132	4.00	3.58	14
700:	3.62	.107	3.77	3.40	14
800:	3.43	.087	3.56	3.25	14
900:	3.22	.078	3.36	3.08	14
1000:	3.04	.081	3.18	2.92	14
1200:	2.69	.041	2.76	2.63	14
1500:	2.26	.029	2.32	2.23	14
2000:	1.79	.006	1.80	1.79	3
2500:	1.54	.021	1.56	1.53	2
3000:	1.42	.000	1.42	1.42	2

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	393.2	18.78	436.0	372.5	17
10:	390.3	18.75	429.9	353.7	17
20:	369.5	18.27	393.1	329.9	17
30:	334.2	32.56	383.7	282.4	17
50:	280.1	30.21	363.6	241.7	17
75:	248.0	14.19	283.7	223.2	17
100:	228.4	11.37	255.6	214.6	17
125:	197.8	14.86	224.9	179.1	17
150:	164.4	9.91	182.9	147.2	17
175:	146.3	5.62	154.9	136.2	17
200:	137.9	4.27	145.4	131.2	17
225:	133.1	3.61	139.8	126.6	17
250:	128.7	3.26	134.9	123.0	17
300:	122.0	3.68	129.6	115.8	17
400:	110.2	3.04	114.9	104.6	17
500:	100.2	2.69	104.9	96.7	14
600:	91.8	2.50	96.9	89.1	14
700:	84.5	2.17	90.1	82.2	14
800:	78.4	2.20	84.4	76.6	14
900:	72.8	2.31	78.9	70.6	14
1000:	68.1	2.54	75.0	64.9	14
1200:	60.1	2.34	66.0	57.6	14
1500:	51.8	2.39	56.3	46.5	14
2000:	42.5	2.51	44.3	39.6	3
2500:	37.7	2.69	39.6	35.8	2
3000:	35.2	2.47	37.0	33.5	2

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	17
10:	.39	.017	.43	.37	17
20:	.78	.033	.85	.71	17
30:	1.13	.044	1.22	1.04	17
50:	1.75	.094	1.91	1.58	17
75:	2.41	.147	2.72	2.15	17
100:	3.00	.170	3.40	2.70	17
125:	3.54	.178	4.00	3.24	17
150:	4.00	.189	4.51	3.69	17
175:	4.39	.194	4.91	4.08	17
200:	4.75	.195	5.26	4.43	17
225:	5.09	.201	5.61	4.75	17
250:	5.43	.203	5.94	5.08	17
300:	6.07	.212	6.58	5.69	17
400:	7.27	.228	7.76	6.82	17
500:	8.37	.267	8.85	7.87	14
600:	9.38	.281	9.86	8.85	14
700:	10.32	.291	10.80	9.77	14
800:	11.20	.300	11.68	10.63	14
900:	12.02	.309	12.49	11.44	14
1000:	12.80	.320	13.27	12.19	14
1200:	14.23	.352	14.72	13.54	14
1500:	16.15	.378	16.76	15.42	14
2000:	19.12	.188	19.32	18.95	3
2500:	21.65	.290	21.86	21.45	2
3000:	24.02	.396	24.30	23.74	2

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	17
10:	.02	.000	.02	.02	17
20:	.08	.004	.09	.07	17
30:	.17	.009	.18	.15	17
50:	.42	.031	.48	.37	17
75:	.84	.065	1.00	.74	17
100:	1.37	.086	1.60	1.23	17
125:	1.98	.105	2.30	1.84	17
150:	2.62	.126	3.00	2.46	17
175:	3.27	.143	3.66	3.06	17
200:	3.96	.155	4.34	3.72	17
225:	4.71	.171	5.09	4.43	17
250:	5.52	.184	5.89	5.22	17
300:	7.32	.219	7.75	6.97	17
400:	11.59	.311	12.24	11.02	17
500:	16.60	.471	17.44	15.85	14
600:	22.27	.591	23.24	21.32	14
700:	28.48	.724	29.54	27.38	14
800:	35.19	.853	36.59	33.97	14
900:	42.32	1.021	44.24	40.96	14
1000:	49.83	1.225	52.35	48.24	14
1200:	65.88	1.788	69.99	63.41	14
1500:	92.28	2.530	98.37	89.22	14
2000:	142.25	5.055	147.27	137.16	3
2500:	198.54	10.119	205.70	191.39	2
3000:	264.74	13.131	274.03	255.46	2

AUGUST

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.11	----- N/A -----			1
10:	6.22	----- N/A -----			1
20:	6.18	----- N/A -----			1
30:	6.71	----- N/A -----			1
50:	6.77	----- N/A -----			1
75:	6.71	----- N/A -----			1
100:	5.83	----- N/A -----			1
125:	5.49	----- N/A -----			1
150:	4.85	----- N/A -----			1
175:	4.02	----- N/A -----			1
200:	3.91	----- N/A -----			1
225:	3.80	----- N/A -----			1
250:	3.60	----- N/A -----			1
300:	2.94	----- N/A -----			1
400:	1.76	----- N/A -----			1
500:	1.12	----- N/A -----			1
600:	.79	----- N/A -----			1
700:	.58	----- N/A -----			1
800:	.49	----- N/A -----			1
900:	.45	----- N/A -----			1
1000:	.42	----- N/A -----			1
1200:	.53	----- N/A -----			1
1500:	.72	----- N/A -----			1
2000:	1.48	----- N/A -----			1
2500:	1.90	----- N/A -----			1
3000:	2.43	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1504	2.6	1508	1498	17
10:	1503	2.7	1508	1498	17
20:	1501	3.1	1505	1496	17
30:	1495	5.9	1505	1485	17
50:	1488	6.4	1502	1477	17
75:	1478	3.7	1487	1472	17
100:	1476	2.6	1481	1472	17
125:	1476	1.8	1479	1472	17
150:	1476	1.4	1479	1474	17
175:	1476	1.6	1479	1474	17
200:	1475	1.5	1478	1473	17
225:	1475	1.7	1477	1472	17
250:	1474	1.5	1477	1472	17
300:	1473	1.4	1476	1471	17
400:	1473	.9	1475	1472	17
500:	1474	.7	1475	1473	14
600:	1475	.7	1476	1474	14
700:	1476	.6	1477	1475	14
800:	1476	.3	1477	1476	14
900:	1477	.4	1478	1477	14
1000:	1478	.5	1479	1478	14
1200:	1480	.5	1481	1480	14
1500:	1484	.0	1484	1484	14
2000:	1490	.0	1490	1490	3
2500:	1498	.0	1498	1498	2
3000:	1506	.0	1506	1506	2

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.798	.3200	13.272	12.189	14
10:	12.407	.3147	12.868	11.822	14
20:	12.023	.3078	12.478	11.477	14
30:	11.663	.2985	12.104	11.153	14
50:	11.040	.2821	11.465	10.608	14
75:	10.372	.2701	10.774	10.011	14
100:	9.775	.2541	10.158	9.402	14
125:	9.242	.2393	9.625	8.879	14
150:	8.789	.2255	9.168	8.460	14
175:	8.399	.2152	8.787	8.099	14
200:	8.041	.2047	8.424	7.760	14
225:	7.697	.1955	8.072	7.430	14
250:	7.363	.1873	7.732	7.111	14
300:	6.721	.1711	7.074	6.500	14
400:	5.520	.1421	5.842	5.361	14
500:	4.426	.1127	4.696	4.310	14
600:	3.415	.0907	3.647	3.318	14
700:	2.477	.0672	2.654	2.412	14
800:	1.599	.0462	1.720	1.555	14
900:	.776	.0237	.817	.752	14
1000:	.000	.0000	.000	.000	14
1200:	-1.430	.0556	-1.351	-1.574	14
1500:	-3.351	.1160	-3.222	-3.639	14
2000:	-6.136	.2810	-5.834	-6.390	3
2500:	-8.567	.5204	-8.199	-8.935	2
3000:	-10.928	.6265	-10.485	-11.371	2

SEPTEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	15.26	1.030	17.50	13.46	16
10:	15.19	1.030	17.18	13.46	16
20:	14.85	1.176	16.08	12.04	16
30:	13.30	1.647	15.86	9.36	16
50:	9.09	1.411	12.94	7.16	16
75:	7.53	.749	9.05	6.07	16
100:	6.87	.615	7.66	5.52	16
125:	6.46	.396	7.09	5.51	16
150:	6.28	.322	6.85	5.51	16
175:	6.18	.307	6.71	5.44	16
200:	5.97	.342	6.53	5.17	16
225:	5.69	.355	6.32	4.96	16
250:	5.42	.372	6.12	4.70	16
300:	4.97	.294	5.62	4.41	16
400:	4.37	.222	4.87	4.02	15
500:	4.07	.175	4.40	3.82	13
600:	3.86	.127	4.09	3.66	13
700:	3.67	.123	3.85	3.49	13
800:	3.48	.094	3.61	3.35	13
900:	3.30	.075	3.40	3.18	13
1000:	3.12	.063	3.20	3.01	13
1200:	2.77	.053	2.85	2.68	13
1500:	2.39	.055	2.49	2.31	12
2000:	1.90	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.400	.1122	32.570	32.190	16
10:	32.398	.1201	32.570	32.193	16
20:	32.411	.1181	32.577	32.199	16
30:	32.476	.1250	32.660	32.167	16
50:	32.596	.1020	32.840	32.469	16
75:	32.662	.0969	32.810	32.490	16
100:	32.792	.1509	32.990	32.530	16
125:	33.149	.1455	33.383	32.915	16
150:	33.521	.1168	33.716	33.330	16
175:	33.729	.0820	33.873	33.585	16
200:	33.823	.0577	33.925	33.730	16
225:	33.852	.0466	33.943	33.760	16
250:	33.869	.0456	33.950	33.780	16
300:	33.896	.0387	33.970	33.820	16
400:	33.972	.0348	34.030	33.918	15
500:	34.063	.0358	34.120	33.996	13
600:	34.153	.0322	34.210	34.078	13
700:	34.221	.0277	34.260	34.154	13
800:	34.281	.0243	34.320	34.219	13
900:	34.331	.0239	34.370	34.282	13
1000:	34.370	.0235	34.400	34.312	13
1200:	34.429	.0216	34.450	34.383	13
1500:	34.498	.0205	34.523	34.451	12
2000:	34.596	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	23.933	.2922	24.413	23.455	16
10:	23.947	.2967	24.413	23.528	16
20:	24.027	.2640	24.600	23.714	16
30:	24.392	.3547	25.130	23.800	16
50:	25.245	.2358	25.541	24.545	16
75:	25.527	.1208	25.753	25.280	16
100:	25.720	.1293	25.850	25.508	16
125:	26.055	.1089	26.213	25.850	16
150:	26.372	.0786	26.534	26.221	16
175:	26.548	.0633	26.625	26.406	16
200:	26.648	.0475	26.727	26.546	16
225:	26.706	.0409	26.780	26.619	16
250:	26.752	.0375	26.821	26.682	16
300:	26.826	.0243	26.884	26.797	16
400:	26.953	.0232	27.001	26.918	15
500:	27.057	.0235	27.102	27.014	13
600:	27.150	.0209	27.183	27.106	13
700:	27.222	.0210	27.261	27.183	13
800:	27.289	.0174	27.317	27.251	13
900:	27.346	.0180	27.378	27.317	13
1000:	27.394	.0184	27.417	27.354	13
1200:	27.472	.0180	27.495	27.439	13
1500:	27.560	.0168	27.583	27.523	12
2000:	27.678	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	398.4	23.12	444.0	352.5	16
10:	397.3	23.55	437.3	352.8	16
20:	389.9	25.20	419.7	335.2	16
30:	355.3	33.86	411.8	284.9	16
50:	274.2	22.56	341.2	245.9	16
75:	247.6	11.58	271.3	225.9	16
100:	229.5	12.31	249.6	217.2	16
125:	197.9	10.36	217.5	183.0	16
150:	168.2	7.49	182.6	152.8	16
175:	151.8	6.01	165.3	144.5	16
200:	142.5	4.59	152.5	135.1	16
225:	137.3	3.97	145.8	130.2	16
250:	133.1	3.68	140.1	126.2	16
300:	126.4	2.40	129.3	120.5	16
400:	114.9	2.27	118.3	110.0	15
500:	105.6	2.27	109.6	101.1	13
600:	97.4	1.97	101.4	94.1	13
700:	91.1	2.00	94.5	87.2	13
800:	85.4	1.66	88.7	82.5	13
900:	80.3	1.70	82.8	77.1	13
1000:	76.1	1.74	79.7	73.8	13
1200:	69.1	1.72	72.3	66.7	13
1500:	61.3	1.58	64.7	59.1	12
2000:	50.5	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SEPTEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	15.26	1.030	17.50	13.46	16
10:	15.19	1.039	17.18	13.46	16
20:	14.85	1.176	16.08	12.08	16
30:	13.30	1.647	15.86	9.36	16
50:	9.03	1.409	12.93	7.16	16
75:	7.53	.749	9.09	6.06	16
100:	6.86	.615	7.65	5.51	16
125:	6.45	.396	7.08	5.50	16
150:	6.26	.320	6.84	5.50	16
175:	6.16	.304	6.69	5.43	16
200:	5.96	.343	6.52	5.15	16
225:	5.67	.353	6.30	4.95	16
250:	5.40	.372	6.10	4.68	16
300:	4.95	.293	5.60	4.39	16
400:	4.34	.218	4.83	3.99	15
500:	4.03	.175	4.37	3.79	13
600:	3.82	.129	4.05	3.62	13
700:	3.62	.122	3.80	3.44	13
800:	3.43	.096	3.56	3.29	13
900:	3.23	.076	3.33	3.11	13
1000:	3.05	.061	3.13	2.94	13
1200:	2.69	.052	2.77	2.60	13
1500:	2.29	.056	2.39	2.21	12
2000:	1.76	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	398.4	23.12	444.0	352.5	16
10:	397.0	23.53	436.9	352.5	16
20:	389.3	25.18	419.1	334.6	16
30:	354.5	33.81	410.9	284.3	16
50:	273.3	22.43	339.9	245.2	16
75:	246.4	11.46	269.9	225.0	16
100:	228.1	12.26	248.2	215.7	16
125:	196.2	10.35	215.7	181.2	16
150:	166.1	7.47	180.5	150.7	16
175:	149.3	5.99	162.8	142.1	16
200:	139.8	4.50	149.5	132.4	16
225:	134.3	3.87	142.5	127.3	16
250:	130.0	3.54	136.5	123.5	16
300:	122.9	2.29	125.7	117.5	16
400:	110.9	2.20	114.2	106.3	15
500:	100.9	2.23	105.0	96.7	13
600:	92.0	2.00	96.3	88.9	13
700:	85.1	2.00	88.8	81.4	13
800:	78.8	1.66	82.4	76.1	13
900:	73.3	1.72	76.1	70.2	13
1000:	68.7	1.75	72.5	66.6	13
1200:	61.2	1.71	64.4	59.1	13
1500:	52.8	1.59	56.3	50.6	12
2000:	41.4	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	16
10:	.40	.029	.44	.35	16
20:	.79	.046	.87	.71	16
30:	1.17	.067	1.26	1.06	16
50:	1.80	.108	1.99	1.62	16
75:	2.45	.135	2.73	2.25	16
100:	3.04	.147	3.32	2.82	16
125:	3.58	.159	3.86	3.33	16
150:	4.03	.166	4.31	3.77	16
175:	4.43	.170	4.69	4.17	16
200:	4.80	.177	5.05	4.52	16
225:	5.15	.181	5.42	4.86	16
250:	5.49	.185	5.78	5.19	16
300:	6.14	.190	6.45	5.83	16
400:	7.32	.191	7.66	7.04	15
500:	8.40	.189	8.75	8.14	13
600:	9.41	.193	9.76	9.15	13
700:	10.35	.200	10.70	10.06	13
800:	11.24	.209	11.58	10.91	13
900:	12.06	.220	12.41	11.70	13
1000:	12.85	.224	13.19	12.46	13
1200:	14.29	.241	14.63	13.87	13
1500:	16.25	.259	16.55	15.73	12
2000:	19.27	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	16
10:	.02	.000	.02	.02	16
20:	.08	.006	.09	.07	16
30:	.18	.012	.19	.16	16
50:	.43	.031	.49	.37	16
75:	.85	.051	.97	.78	16
100:	1.37	.064	1.49	1.28	16
125:	1.99	.086	2.14	1.86	16
150:	2.62	.103	2.79	2.48	16
175:	3.28	.113	3.50	3.10	16
200:	3.98	.130	4.26	3.77	16
225:	4.74	.147	5.06	4.50	16
250:	5.56	.166	5.93	5.30	16
300:	7.38	.197	7.81	7.10	16
400:	11.65	.258	12.12	11.17	15
500:	16.65	.328	17.13	16.00	13
600:	22.34	.412	22.94	21.47	13
700:	28.57	.512	29.30	27.49	13
800:	35.32	.634	36.33	33.98	13
900:	42.48	.757	43.70	40.67	13
1000:	50.06	.901	51.57	48.17	13
1200:	66.27	1.228	68.61	64.06	13
1500:	92.97	1.858	96.58	89.59	12
2000:	141.96	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SEPTEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1508	3.3	1512	1499	16
10:	1508	3.3	1511	1499	16
20:	1508	3.8	1508	1495	16
30:	1499	5.7	1508	1485	16
50:	1488	5.1	1498	1477	16
75:	1479	2.8	1485	1474	16
100:	1477	2.5	1480	1472	16
125:	1476	1.7	1479	1472	16
150:	1476	1.4	1479	1473	16
175:	1477	1.2	1479	1474	16
200:	1476	1.4	1479	1473	16
225:	1475	1.5	1479	1473	16
250:	1475	1.6	1478	1472	16
300:	1474	1.2	1477	1472	16
400:	1473	1.0	1476	1472	15
500:	1474	.8	1476	1473	13
600:	1474	.7	1476	1474	13
700:	1475	.7	1477	1475	13
800:	1476	.5	1477	1476	13
900:	1477	.5	1478	1477	13
1000:	1478	.5	1479	1478	13
1200:	1480	.5	1481	1480	13
1500:	1484	.0	1484	1484	12
2000:	1490	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.846	.2252	13.187	12.455	13
10:	12.497	.2134	12.755	12.057	13
20:	12.053	.2076	12.345	11.659	13
30:	11.685	.2091	11.976	11.280	13
50:	11.066	.2137	11.367	10.649	13
75:	10.416	.1995	10.706	10.034	13
100:	9.827	.1826	10.069	9.488	13
125:	9.292	.1679	9.540	8.961	13
150:	8.839	.1634	9.103	8.492	13
175:	8.443	.1610	8.712	8.090	13
200:	8.076	.1543	8.344	7.734	13
225:	7.728	.1453	7.992	7.405	13
250:	7.391	.1396	7.653	7.084	13
300:	6.742	.1258	6.930	6.461	13
400:	5.547	.1049	5.744	5.338	13
500:	4.449	.0874	4.616	4.283	13
600:	3.433	.0692	3.559	3.308	13
700:	2.492	.0514	2.584	2.398	13
800:	1.609	.0329	1.664	1.550	13
900:	.783	.0167	.813	.755	13
1000:	.000	.0000	.000	.000	13
1200:	-1.446	.0334	-1.401	-1.520	13
1500:	-3.388	.0844	-3.269	-3.552	12
2000:	-6.097	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

OCTOBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.93	.912	13.88	11.50	5
10:	12.87	.996	13.89	11.32	5
20:	12.87	.993	13.90	11.34	5
30:	12.87	.986	13.90	11.35	5
50:	10.75	1.859	12.65	8.05	5
75:	7.74	.476	8.18	6.97	5
100:	7.09	.333	7.40	6.53	5
125:	6.78	.269	7.03	6.35	5
150:	6.53	.231	6.78	6.26	5
175:	6.31	.216	6.58	6.03	5
200:	6.05	.295	6.28	5.55	5
225:	5.76	.284	5.96	5.28	5
250:	5.51	.276	5.78	5.07	5
300:	5.07	.255	5.28	4.65	5
400:	4.50	.169	4.67	4.28	5
500:	4.17	.139	4.34	4.01	5
600:	3.92	.114	4.07	3.77	5
700:	3.73	.116	3.90	3.58	5
800:	3.52	.120	3.70	3.37	5
900:	3.30	.045	3.35	3.24	5
1000:	3.13	.064	3.23	3.07	5
1200:	2.77	.030	2.80	2.73	5
1500:	2.33	.033	2.37	2.29	4
2000:	1.88	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.404	.1088	32.540	32.253	5
10:	32.394	.1064	32.540	32.253	5
20:	32.399	.1058	32.550	32.266	5
30:	32.395	.0944	32.524	32.273	5
50:	32.498	.1230	32.620	32.309	5
75:	32.705	.1021	32.857	32.596	5
100:	32.947	.2245	33.321	32.720	5
125:	33.309	.2334	33.673	33.080	5
150:	33.618	.1080	33.795	33.525	5
175:	33.796	.0450	33.867	33.750	5
200:	33.872	.0263	33.917	33.848	5
225:	33.888	.0491	33.975	33.860	5
250:	33.898	.0680	34.017	33.850	5
300:	33.897	.0456	33.973	33.850	5
400:	33.966	.0535	34.036	33.901	5
500:	34.047	.0428	34.114	34.006	5
600:	34.134	.0348	34.186	34.091	5
700:	34.221	.0276	34.248	34.178	5
800:	34.281	.0212	34.302	34.250	5
900:	34.325	.0237	34.349	34.300	5
1000:	34.373	.0173	34.391	34.350	5
1200:	34.432	.0230	34.459	34.400	5
1500:	34.495	.0360	34.529	34.461	4
2000:	34.598	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.417	.1301	24.573	24.244	5
10:	24.422	.1425	24.606	24.241	5
20:	24.425	.1460	24.612	24.239	5
30:	24.422	.1466	24.616	24.239	5
50:	24.883	.3637	25.424	24.600	5
75:	25.533	.0979	25.662	25.400	5
100:	25.813	.1528	26.084	25.710	5
125:	26.140	.1549	26.393	26.017	5
150:	26.415	.0870	26.566	26.353	5
175:	26.585	.0364	26.646	26.550	5
200:	26.678	.0367	26.730	26.644	5
225:	26.727	.0423	26.780	26.685	5
250:	26.764	.0498	26.841	26.718	5
300:	26.817	.0390	26.859	26.778	5
400:	26.934	.0465	26.981	26.872	5
500:	27.034	.0379	27.089	26.991	5
600:	27.128	.0274	27.172	27.098	5
700:	27.216	.0280	27.242	27.182	5
800:	27.286	.0204	27.305	27.261	5
900:	27.342	.0214	27.361	27.317	5
1000:	27.395	.0185	27.410	27.375	5
1200:	27.475	.0202	27.496	27.447	5
1500:	27.563	.0305	27.590	27.532	4
2000:	27.681	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	352.1	12.41	368.7	337.3	5
10:	352.0	13.57	369.2	334.4	5
20:	351.9	13.92	369.6	334.0	5
30:	352.4	14.02	369.9	333.8	5
50:	308.8	34.77	335.9	257.1	5
75:	247.1	9.33	259.7	234.8	5
100:	220.7	14.49	230.4	195.0	5
125:	190.0	14.63	201.6	166.1	5
150:	164.2	8.24	170.1	149.9	5
175:	148.4	3.53	151.8	142.5	5
200:	139.8	3.57	143.1	134.7	5
225:	135.4	4.05	139.4	130.4	5
250:	132.0	4.74	136.5	124.8	5
300:	127.3	3.77	131.1	123.1	5
400:	116.7	4.45	122.7	112.1	5
500:	107.9	3.64	112.1	102.7	5
600:	99.5	2.60	102.3	95.4	5
700:	91.8	2.72	95.0	89.3	5
800:	85.7	2.03	88.0	83.8	5
900:	80.8	2.03	83.2	78.9	5
1000:	76.0	1.84	78.2	74.6	5
1200:	68.9	1.95	71.6	66.9	5
1500:	60.8	2.89	63.8	58.3	4
2000:	50.1	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

OCTOBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.93	.912	13.88	11.50	5
10:	12.87	.996	13.89	11.32	5
20:	12.87	.993	13.90	11.34	5
30:	12.87	.986	13.90	11.35	5
50:	10.74	1.859	12.64	8.04	5
75:	7.73	.472	8.17	6.97	5
100:	7.08	.333	7.39	6.52	5
125:	6.77	.268	7.02	6.34	5
150:	6.52	.231	6.77	6.25	5
175:	6.29	.215	6.57	6.02	5
200:	6.03	.290	6.26	5.54	5
225:	5.74	.284	5.96	5.26	5
250:	5.49	.276	5.76	5.05	5
300:	5.04	.253	5.26	4.63	5
400:	4.47	.169	4.64	4.25	5
500:	4.13	.136	4.30	3.98	5
600:	3.88	.115	4.03	3.73	5
700:	3.68	.112	3.84	3.53	5
800:	3.46	.120	3.64	3.31	5
900:	3.23	.044	3.29	3.18	5
1000:	3.06	.060	3.16	3.00	5
1200:	2.68	.039	2.72	2.64	5
1500:	2.23	.033	2.27	2.19	4
2000:	1.74	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	352.1	12.41	368.7	337.3	5
10:	351.7	13.54	368.9	334.2	5
20:	351.4	13.92	369.1	333.5	5
30:	351.6	13.95	369.0	333.1	5
50:	307.7	34.57	334.6	256.3	5
75:	245.9	9.31	258.5	233.6	5
100:	219.1	14.54	229.0	193.4	5
125:	188.1	14.74	199.9	169.1	5
150:	162.0	8.24	167.9	147.7	5
175:	145.9	3.49	149.2	140.0	5
200:	137.0	3.46	140.2	132.1	5
225:	132.4	3.99	136.3	127.3	5
250:	128.8	4.73	133.2	121.5	5
300:	123.8	3.67	127.4	119.8	5
400:	112.6	4.38	118.5	108.2	5
500:	103.1	3.59	107.2	97.9	5
600:	94.0	2.59	96.9	89.9	5
700:	85.7	2.62	88.9	83.2	5
800:	79.1	1.90	81.4	77.3	5
900:	73.7	2.01	76.1	71.9	5
1000:	68.6	1.72	70.5	67.2	5
1200:	61.0	1.89	63.6	59.0	5
1500:	52.5	2.88	55.4	50.0	4
2000:	41.1	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	5
10:	.35	.011	.37	.34	5
20:	.71	.027	.74	.67	5
30:	1.06	.043	1.11	1.00	5
50:	1.74	.050	1.81	1.69	5
75:	2.43	.083	2.54	2.31	5
100:	3.01	.083	3.13	2.91	5
125:	3.53	.099	3.67	3.43	5
150:	3.97	.117	4.13	3.82	5
175:	4.36	.128	4.53	4.19	5
200:	4.72	.128	4.88	4.54	5
225:	5.06	.129	5.21	4.87	5
250:	5.39	.135	5.54	5.19	5
300:	6.04	.141	6.17	5.82	5
400:	7.26	.159	7.37	6.99	5
500:	8.39	.187	8.53	8.07	5
600:	9.42	.214	9.59	9.06	5
700:	10.38	.231	10.55	9.98	5
800:	11.26	.240	11.44	10.85	5
900:	12.09	.253	12.30	11.66	5
1000:	12.88	.270	13.11	12.42	5
1200:	14.33	.288	14.59	13.84	5
1500:	16.27	.394	16.62	15.72	4
2000:	18.99	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	5
10:	.02	.000	.02	.02	5
20:	.07	.000	.08	.07	5
30:	.16	.008	.17	.15	5
50:	.44	.022	.47	.41	5
75:	.87	.044	.93	.81	5
100:	1.40	.049	1.46	1.33	5
125:	1.98	.074	2.08	1.88	5
150:	2.60	.110	2.73	2.43	5
175:	3.25	.128	3.38	3.09	5
200:	3.93	.133	4.05	3.71	5
225:	4.68	.142	4.77	4.43	5
250:	5.48	.163	5.66	5.20	5
300:	7.30	.209	7.45	6.95	5
400:	11.65	.316	11.95	11.15	5
500:	16.80	.509	17.34	16.08	5
600:	22.61	.670	23.29	21.62	5
700:	28.93	.801	29.63	27.73	5
800:	35.70	.893	36.36	34.35	5
900:	42.91	1.056	43.80	41.39	5
1000:	50.50	1.196	51.57	48.81	5
1200:	66.74	1.452	68.20	64.68	5
1500:	93.61	2.689	95.99	90.50	4
2000:	140.59	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

OCTOBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1497	3.4	1501	1492	5
10:	1497	3.6	1501	1492	5
20:	1497	3.6	1501	1492	5
30:	1497	3.5	1501	1492	5
50:	1490	6.6	1497	1481	5
75:	1480	1.9	1482	1477	5
100:	1478	1.7	1480	1476	5
125:	1477	1.3	1479	1476	5
150:	1478	1.0	1479	1477	5
175:	1477	1.1	1479	1476	5
200:	1477	1.2	1478	1475	5
225:	1476	1.3	1477	1474	5
250:	1475	1.1	1477	1474	5
300:	1474	1.1	1476	1473	5
400:	1474	1.0	1475	1473	5
500:	1474	.5	1475	1474	5
600:	1475	.4	1476	1475	5
700:	1476	.7	1477	1475	5
800:	1477	.7	1478	1476	5
900:	1477	.4	1478	1477	5
1000:	1478	.5	1479	1478	5
1200:	1480	.5	1481	1480	5
1500:	1484	.0	1484	1484	4
2000:	1490	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.878	.2668	13.107	12.825	5
10:	12.525	.2617	12.738	12.079	5
20:	12.174	.2557	12.369	11.738	5
30:	11.822	.2517	11.999	11.393	5
50:	11.140	.2738	11.341	10.692	5
75:	10.452	.2982	10.674	9.979	5
100:	9.865	.2724	10.081	9.443	5
125:	9.352	.2445	9.543	8.994	5
150:	8.912	.2279	9.102	8.602	5
175:	8.523	.2167	8.702	8.237	5
200:	8.163	.2090	8.336	7.886	5
225:	7.819	.2015	7.988	7.551	5
250:	7.486	.1906	7.649	7.233	5
300:	6.836	.1698	6.985	6.609	5
400:	5.617	.1381	5.748	5.431	5
500:	4.493	.1058	4.611	4.357	5
600:	3.457	.0837	3.557	3.369	5
700:	2.502	.0630	2.573	2.445	5
800:	1.616	.0436	1.668	1.579	5
900:	.784	.0184	.805	.767	5
1000:	.000	.0000	.000	.000	5
1200:	-1.448	.0335	-1.411	-1.485	5
1500:	-3.390	.1251	-3.273	-3.511	4
2000:	-5.990	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

NOVEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.62	1.386	11.60	9.64	2
10:	10.43	1.110	11.22	9.65	2
20:	10.44	1.110	11.23	9.66	2
30:	10.45	1.117	11.24	9.66	2
50:	10.33	.933	10.99	9.67	2
75:	8.29	.502	8.65	7.94	2
100:	7.08	.113	7.16	7.00	2
125:	6.95	.035	6.98	6.93	2
150:	6.85	.226	7.01	6.69	2
175:	6.71	.346	6.96	6.47	2
200:	6.44	.523	6.81	6.07	2
225:	6.15	.721	6.66	5.64	2
250:	5.78	.672	6.26	5.31	2
300:	5.34	.608	5.77	4.91	2
400:	4.56	.148	4.67	4.46	2
500:	4.25	.099	4.32	4.18	2
600:	4.02	.099	4.09	3.95	2
700:	3.83	.113	3.91	3.75	2
800:	3.61	.078	3.67	3.56	2
900:	3.37	.028	3.39	3.35	2
1000:	3.17	.078	3.23	3.12	2
1200:	2.78	.092	2.85	2.72	2
1500:	2.34	.028	2.36	2.32	2
2000:	1.92	----- N/A -----			1
2500:	1.73	----- N/A -----			1
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.305	.0785	32.361	32.250	2
10:	32.303	.0615	32.347	32.260	2
20:	32.302	.0600	32.345	32.260	2
30:	32.303	.0572	32.344	32.263	2
50:	32.320	.0714	32.371	32.270	2
75:	32.507	.1662	32.625	32.390	2
100:	32.909	.2270	33.070	32.749	2
125:	33.346	.3196	33.572	33.120	2
150:	33.586	.2425	33.758	33.415	2
175:	33.740	.1499	33.846	33.634	2
200:	33.814	.0778	33.869	33.759	2
225:	33.851	.0361	33.877	33.826	2
250:	33.884	.0054	33.888	33.880	2
300:	33.919	.0317	33.942	33.897	2
400:	33.998	.0018	34.000	33.997	2
500:	34.092	.0070	34.097	34.087	2
600:	34.176	.0018	34.177	34.176	2
700:	34.246	.0059	34.250	34.242	2
800:	34.307	.0212	34.322	34.292	2
900:	34.349	.0166	34.361	34.338	2
1000:	34.392	.0190	34.406	34.379	2
1200:	34.451	.0184	34.464	34.438	2
1500:	34.516	.0192	34.530	34.503	2
2000:	34.577	----- N/A -----			1
2500:	34.620	----- N/A -----			1
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.764	.1775	24.890	24.639	2
10:	24.797	.1414	24.897	24.697	2
20:	24.794	.1428	24.895	24.693	2
30:	24.794	.1457	24.897	24.691	2
50:	24.828	.1033	24.901	24.755	2
75:	25.298	.0550	25.338	25.259	2
100:	25.766	.1626	25.901	25.671	2
125:	26.145	.2553	26.326	25.965	2
150:	26.349	.2199	26.505	26.194	2
175:	26.487	.1633	26.603	26.372	2
200:	26.581	.1294	26.673	26.490	2
225:	26.647	.1209	26.733	26.562	2
250:	26.719	.0785	26.775	26.664	2
300:	26.800	.0474	26.834	26.767	2
400:	26.952	.0148	26.963	26.942	2
500:	27.060	.0169	27.072	27.049	2
600:	27.152	.0091	27.159	27.146	2
700:	27.226	.0073	27.231	27.221	2
800:	27.297	.0083	27.303	27.291	2
900:	27.354	.0109	27.362	27.347	2
1000:	27.406	.0077	27.412	27.401	2
1200:	27.488	.0063	27.493	27.484	2
1500:	27.579	.0127	27.588	27.570	2
2000:	27.661	----- N/A -----			1
2500:	27.710	----- N/A -----			1
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	319.0	16.90	331.0	307.1	2
10:	316.2	13.51	325.8	306.7	2
20:	316.6	13.65	326.3	307.0	2
30:	316.8	13.93	326.7	307.0	2
50:	314.0	9.90	321.0	307.0	2
75:	269.4	5.23	273.1	265.7	2
100:	223.3	15.41	234.2	212.4	2
125:	189.5	24.18	206.6	172.4	2
150:	170.5	20.86	185.3	155.8	2
175:	157.7	15.63	168.8	146.7	2
200:	149.1	12.45	157.9	140.3	2
225:	143.0	11.81	151.4	134.7	2
250:	136.3	7.85	141.9	130.8	2
300:	128.9	4.88	132.4	125.5	2
400:	115.0	1.63	116.2	113.9	2
500:	105.5	1.70	106.7	104.3	2
600:	97.4	1.06	98.2	96.7	2
700:	91.1	.85	91.7	90.5	2
800:	84.8	.64	85.3	84.4	2
900:	79.7	.92	80.4	79.1	2
1000:	75.0	.49	75.4	74.7	2
1200:	67.6	.35	67.9	67.4	2
1500:	59.4	1.13	60.2	58.6	2
2000:	52.2	----- N/A -----			1
2500:	48.5	----- N/A -----			1
3000:		----- N/A -----			0

NOVEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.62	1.786	11.60	9.64	2
10:	10.43	1.110	11.22	9.65	2
20:	10.44	1.117	11.23	9.65	2
30:	10.44	1.110	11.23	9.66	2
50:	10.32	.940	10.99	9.66	2
75:	8.28	.502	8.64	7.93	2
100:	7.07	.113	7.15	6.99	2
125:	6.94	.035	6.97	6.92	2
150:	6.83	.219	6.99	6.68	2
175:	6.70	.339	6.94	6.46	2
200:	6.42	.523	6.79	6.05	2
225:	6.13	.721	6.64	5.62	2
250:	5.76	.665	6.23	5.29	2
300:	5.32	.608	5.75	4.89	2
400:	4.53	.148	4.64	4.43	2
500:	4.21	.106	4.29	4.14	2
600:	3.97	.092	4.04	3.91	2
700:	3.78	.113	3.86	3.70	2
800:	3.55	.078	3.61	3.50	2
900:	3.30	.028	3.32	3.28	2
1000:	3.10	.078	3.16	3.05	2
1200:	2.70	.092	2.77	2.64	2
1500:	2.24	.028	2.26	2.22	2
2000:	1.78	----- N/A -----			1
2500:	1.55	----- N/A -----			1
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	319.0	16.90	331.0	307.1	2
10:	316.0	13.44	325.5	306.5	2
20:	316.2	13.65	325.9	306.6	2
30:	316.2	13.66	326.0	306.4	2
50:	312.9	9.63	319.9	306.0	2
75:	268.1	5.30	271.9	264.4	2
100:	221.8	15.49	232.8	210.9	2
125:	187.5	24.25	204.7	170.4	2
150:	168.2	20.86	183.0	153.5	2
175:	155.1	15.56	166.1	144.1	2
200:	146.1	12.23	154.8	137.5	2
225:	139.8	11.46	147.9	131.7	2
250:	133.0	7.42	138.3	127.8	2
300:	125.2	4.45	126.4	122.1	2
400:	110.8	1.41	111.8	109.8	2
500:	100.5	1.56	101.6	99.4	2
600:	91.8	.85	92.4	91.2	2
700:	84.7	.64	85.2	84.3	2
800:	78.0	.85	78.6	77.4	2
900:	72.5	.99	73.2	71.8	2
1000:	67.5	.71	68.0	67.0	2
1200:	59.6	.64	60.1	59.2	2
1500:	51.0	1.27	51.9	50.1	2
2000:	43.1	----- N/A -----			1
2500:	38.2	----- N/A -----			1
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	2
10:	.32	.014	.33	.31	2
20:	.63	.028	.65	.61	2
30:	.95	.042	.98	.92	2
50:	1.59	.064	1.64	1.55	2
75:	2.33	.071	2.38	2.28	2
100:	2.93	.064	2.98	2.89	2
125:	3.44	.000	3.44	3.44	2
150:	3.89	.057	3.93	3.85	2
175:	4.30	.099	4.37	4.23	2
200:	4.68	.134	4.78	4.59	2
225:	5.05	.170	5.17	4.93	2
250:	5.39	.191	5.53	5.26	2
300:	6.05	.219	6.21	5.90	2
400:	7.27	.240	7.44	7.10	2
500:	8.37	.262	8.56	8.19	2
600:	9.39	.269	9.58	9.20	2
700:	10.32	.276	10.52	10.13	2
800:	11.21	.283	11.41	11.01	2
900:	12.03	.276	12.23	11.84	2
1000:	12.80	.262	12.99	12.62	2
1200:	14.23	.269	14.42	14.04	2
1500:	16.11	.233	16.28	15.95	2
2000:	18.73	----- N/A -----			1
2500:	21.22	----- N/A -----			1
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	2
10:	.02	.000	.02	.02	2
20:	.06	.007	.07	.06	2
30:	.14	.007	.15	.14	2
50:	.41	.014	.42	.40	2
75:	.87	.021	.89	.86	2
100:	1.41	.007	1.42	1.41	2
125:	1.99	.064	2.04	1.95	2
150:	2.62	.148	2.73	2.52	2
175:	3.30	.219	3.46	3.15	2
200:	4.03	.290	4.24	3.83	2
225:	4.82	.346	5.07	4.58	2
250:	5.67	.410	5.96	5.38	2
300:	7.52	.481	7.86	7.18	2
400:	11.84	.559	12.24	11.45	2
500:	16.90	.651	17.36	16.44	2
600:	22.55	.700	23.05	22.06	2
700:	28.79	.757	29.33	28.26	2
800:	35.54	.813	36.12	34.97	2
900:	42.66	.721	43.17	42.15	2
1000:	50.14	.643	50.60	49.69	2
1200:	66.14	.636	66.59	65.69	2
1500:	92.04	.212	92.19	91.89	2
2000:	141.36	----- N/A -----			1
2500:	198.46	----- N/A -----			1
3000:		----- N/A -----			0

NOVEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.32	----- N/A -----			1
10:	6.42	----- N/A -----			1
20:	6.41	----- N/A -----			1
30:	6.41	----- N/A -----			1
50:	6.40	----- N/A -----			1
75:	5.94	----- N/A -----			1
100:	5.23	----- N/A -----			1
125:	4.15	----- N/A -----			1
150:	3.87	----- N/A -----			1
175:	3.60	----- N/A -----			1
200:	3.42	----- N/A -----			1
225:	3.34	----- N/A -----			1
250:	3.07	----- N/A -----			1
300:	2.52	----- N/A -----			1
400:	1.36	----- N/A -----			1
500:	.89	----- N/A -----			1
600:	.65	----- N/A -----			1
700:	.47	----- N/A -----			1
800:	.39	----- N/A -----			1
900:	.38	----- N/A -----			1
1000:	.42	----- N/A -----			1
1200:	.53	----- N/A -----			1
1500:	.87	----- N/A -----			1
2000:	1.48	----- N/A -----			1
2500:	2.00	----- N/A -----			1
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1489	4.9	1493	1486	2
10:	1489	4.2	1492	1486	2
20:	1489	4.2	1492	1486	2
30:	1489	4.2	1492	1486	2
50:	1488	3.5	1491	1486	2
75:	1482	2.1	1484	1481	2
100:	1478	.7	1479	1478	2
125:	1479	.0	1479	1479	2
150:	1479	.0	1479	1479	2
175:	1479	1.4	1480	1478	2
200:	1478	2.1	1480	1477	2
225:	1478	2.8	1480	1476	2
250:	1477	2.8	1479	1475	2
300:	1476	2.8	1478	1474	2
400:	1474	.7	1475	1474	2
500:	1475	.0	1475	1475	2
600:	1475	.7	1476	1475	2
700:	1476	.7	1477	1476	2
800:	1477	.7	1478	1477	2
900:	1478	.0	1478	1478	2
1000:	1479	.0	1479	1479	2
1200:	1480	.7	1481	1480	2
1500:	1484	.0	1484	1484	2
2000:	1490	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.805	.2666	12.994	12.617	2
10:	12.487	.2828	12.687	12.287	2
20:	12.171	.2949	12.380	11.963	2
30:	11.854	.3090	12.073	11.636	2
50:	11.211	.3352	11.448	10.974	2
75:	10.479	.3380	10.718	10.240	2
100:	9.870	.3246	10.100	9.641	2
125:	9.363	.2687	9.553	9.173	2
150:	8.912	.2100	9.061	8.764	2
175:	8.504	.1655	8.621	8.387	2
200:	8.120	.1294	8.212	8.029	2
225:	7.756	.0997	7.827	7.686	2
250:	7.406	.0742	7.459	7.354	2
300:	6.747	.0488	6.782	6.713	2
400:	5.532	.0276	5.552	5.513	2
500:	4.429	.0071	4.434	4.424	2
600:	3.419	.0021	3.421	3.418	2
700:	2.477	.0120	2.486	2.469	2
800:	1.594	.0191	1.608	1.581	2
900:	.773	.0085	.779	.767	2
1000:	.000	.0000	.000	.000	2
1200:	-1.425	.0007	-1.425	-1.426	2
1500:	-3.310	.0325	-3.287	-3.333	2
2000:	-6.114	----- N/A -----			1
2500:	-8.606	----- N/A -----			1
3000:		----- N/A -----			0

DECEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.57	.861	11.16	8.47	12
10:	9.58	.876	11.16	8.43	12
20:	9.59	.878	11.16	8.43	12
30:	9.59	.876	11.15	8.43	12
50:	9.58	.874	11.15	8.43	12
75:	8.42	1.171	11.13	6.58	12
100:	7.06	.693	8.01	5.67	12
125:	6.62	.531	7.21	5.48	12
150:	6.54	.443	7.00	5.68	12
175:	6.35	.360	6.78	5.61	12
200:	6.05	.338	6.51	5.39	12
225:	5.76	.349	6.16	5.12	12
250:	5.47	.338	5.86	4.87	12
300:	5.06	.315	5.60	4.50	12
400:	4.42	.204	4.74	4.05	11
500:	4.14	.181	4.45	3.80	10
600:	3.90	.150	4.17	3.64	10
700:	3.70	.130	3.93	3.53	10
800:	3.53	.113	3.68	3.35	10
900:	3.33	.090	3.45	3.22	10
1000:	3.12	.067	3.25	3.05	10
1200:	2.77	.062	2.88	2.71	10
1500:	2.37	.053	2.44	2.30	7
2000:	1.94	.042	1.97	1.91	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.531	.1474	32.772	32.327	12
10:	32.511	.1224	32.750	32.327	12
20:	32.511	.1236	32.760	32.327	12
30:	32.513	.1237	32.760	32.327	12
50:	32.514	.1187	32.753	32.350	12
75:	32.757	.1830	33.155	32.566	12
100:	33.030	.2829	33.513	32.700	12
125:	33.307	.3019	33.710	32.851	12
150:	33.585	.2277	33.860	33.190	12
175:	33.755	.1403	33.930	33.443	12
200:	33.842	.0791	33.950	33.677	12
225:	33.878	.0639	33.960	33.744	12
250:	33.892	.0518	33.960	33.796	12
300:	33.913	.0419	33.980	33.835	12
400:	33.988	.0347	34.060	33.943	11
500:	34.077	.0438	34.140	33.974	10
600:	34.158	.0300	34.210	34.107	10
700:	34.229	.0200	34.260	34.204	10
800:	34.290	.0221	34.335	34.257	10
900:	34.339	.0187	34.380	34.320	10
1000:	34.375	.0141	34.410	34.361	10
1200:	34.433	.0205	34.460	34.383	10
1500:	34.508	.0143	34.527	34.490	7
2000:	34.587	.0150	34.598	34.577	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.116	.1517	25.367	24.906	12
10:	25.098	.1277	25.331	24.916	12
20:	25.098	.1275	25.331	24.917	12
30:	25.099	.1277	25.331	24.920	12
50:	25.101	.1273	25.331	24.919	12
75:	25.469	.2544	25.885	25.031	12
100:	25.881	.2143	26.239	25.492	12
125:	26.158	.1950	26.435	25.892	12
150:	26.389	.1394	26.573	26.113	12
175:	26.547	.0855	26.662	26.328	12
200:	26.654	.0439	26.715	26.568	12
225:	26.719	.0334	26.765	26.659	12
250:	26.765	.0258	26.809	26.722	12
300:	26.829	.0288	26.877	26.779	12
400:	26.960	.0277	27.009	26.919	11
500:	27.060	.0379	27.105	26.971	10
600:	27.150	.0288	27.191	27.100	10
700:	27.226	.0191	27.257	27.191	10
800:	27.291	.0186	27.315	27.262	10
900:	27.350	.0144	27.371	27.325	10
1000:	27.397	.0141	27.429	27.375	10
1200:	27.476	.0207	27.503	27.426	10
1500:	27.570	.0120	27.583	27.553	7
2000:	27.668	.0086	27.674	27.662	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	285.6	14.43	305.6	261.7	12
10:	287.5	12.17	304.9	265.4	12
20:	287.7	12.17	305.0	265.5	12
30:	287.8	12.18	304.9	265.7	12
50:	287.9	12.17	305.4	266.0	12
75:	253.2	24.32	295.3	213.6	12
100:	214.3	20.35	251.4	180.3	12
125:	188.2	18.39	213.3	162.1	12
150:	166.7	13.12	192.7	149.3	12
175:	152.0	8.03	172.6	141.2	12
200:	142.1	4.16	150.0	136.3	12
225:	136.1	3.19	141.5	131.8	12
250:	131.9	2.50	136.1	127.7	12
300:	126.1	2.83	131.2	121.6	12
400:	114.2	2.67	118.1	109.7	11
500:	105.4	3.67	113.9	101.2	10
600:	97.5	2.81	102.3	93.7	10
700:	90.9	1.93	94.6	87.8	10
800:	85.2	1.86	88.3	83.0	10
900:	80.1	1.39	82.6	78.4	10
1000:	75.8	1.43	78.3	72.8	10
1200:	68.8	2.04	73.7	66.2	10
1500:	60.4	1.18	62.0	59.2	7
2000:	51.6	.57	52.0	51.2	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DECEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.57	.861	11.16	8.47	12
10:	9.58	.875	11.16	8.43	12
20:	9.59	.873	11.15	8.43	12
30:	9.59	.876	11.15	8.43	12
50:	9.57	.874	11.14	8.42	12
75:	8.41	1.171	11.12	6.57	12
100:	7.05	.693	8.00	5.66	12
125:	6.61	.531	7.20	5.47	12
150:	6.52	.443	6.99	5.67	12
175:	6.33	.358	6.76	5.60	12
200:	6.04	.336	6.49	5.37	12
225:	5.74	.348	6.14	5.10	12
250:	5.44	.338	5.84	4.85	12
300:	5.04	.313	5.57	4.48	12
400:	4.39	.202	4.71	4.03	11
500:	4.10	.178	4.41	3.77	10
600:	3.85	.148	4.12	3.60	10
700:	3.65	.130	3.88	3.48	10
800:	3.47	.111	3.62	3.30	10
900:	3.26	.091	3.39	3.15	10
1000:	3.05	.067	3.18	2.98	10
1200:	2.69	.061	2.80	2.63	10
1500:	2.27	.053	2.34	2.20	7
2000:	1.80	.042	1.83	1.77	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	285.6	14.44	305.6	261.7	12
10:	287.3	12.14	304.6	265.2	12
20:	287.3	12.13	304.5	265.2	12
30:	287.2	12.16	304.3	265.2	12
50:	286.9	12.10	304.3	265.1	12
75:	251.9	24.17	293.5	212.4	12
100:	212.8	20.38	249.8	178.7	12
125:	186.4	18.53	211.7	160.1	12
150:	164.5	13.25	190.7	147.0	12
175:	149.4	8.11	170.2	138.5	12
200:	139.3	4.18	147.5	133.5	12
225:	133.1	3.18	138.8	128.7	12
250:	128.7	2.46	132.8	124.5	12
300:	122.6	2.71	127.3	118.1	12
400:	110.2	2.60	114.0	105.5	11
500:	100.6	3.61	109.1	96.3	10
600:	92.1	2.71	96.7	88.2	10
700:	84.7	1.81	88.1	81.8	10
800:	78.5	1.76	81.3	76.3	10
900:	73.0	1.34	75.2	70.9	10
1000:	68.4	1.31	70.5	65.5	10
1200:	60.9	1.94	65.6	58.4	10
1500:	51.9	1.13	53.4	50.6	7
2000:	42.3	.78	42.9	41.8	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	12
10:	.29	.011	.30	.27	12
20:	.57	.025	.61	.53	12
30:	.86	.036	.92	.80	12
50:	1.44	.061	1.53	1.33	12
75:	2.13	.079	2.24	1.99	12
100:	2.71	.097	2.88	2.54	12
125:	3.21	.118	3.42	3.04	12
150:	3.65	.144	3.90	3.44	12
175:	4.05	.164	4.32	3.81	12
200:	4.41	.173	4.69	4.17	12
225:	4.76	.178	5.05	4.51	12
250:	5.10	.180	5.38	4.84	12
300:	5.74	.184	6.02	5.48	12
400:	6.93	.205	7.21	6.68	11
500:	8.00	.205	8.31	7.77	10
600:	9.01	.221	9.33	8.77	10
700:	9.96	.234	10.31	9.70	10
800:	10.83	.242	11.22	10.56	10
900:	11.66	.250	12.08	11.38	10
1000:	12.44	.257	12.88	12.13	10
1200:	13.89	.284	14.40	13.53	10
1500:	15.87	.324	16.43	15.48	7
2000:	18.86	.580	19.27	18.45	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	12
10:	.01	.005	.02	.01	12
20:	.06	.004	.06	.05	12
30:	.13	.008	.14	.12	12
50:	.37	.016	.39	.34	12
75:	.80	.031	.85	.76	12
100:	1.32	.065	1.44	1.22	12
125:	1.89	.106	2.06	1.71	12
150:	2.51	.152	2.73	2.25	12
175:	3.17	.188	3.43	2.87	12
200:	3.87	.212	4.20	3.56	12
225:	4.62	.225	4.98	4.31	12
250:	5.43	.235	5.82	5.11	12
300:	7.24	.254	7.66	6.91	12
400:	11.49	.320	12.08	11.09	11
500:	16.46	.375	17.12	15.91	10
600:	22.13	.534	23.01	21.35	10
700:	28.37	.669	29.48	27.39	10
800:	35.07	.772	36.47	33.99	10
900:	42.22	.875	43.87	41.02	10
1000:	49.78	.977	51.62	48.34	10
1200:	66.01	1.316	68.65	63.95	10
1500:	92.75	1.907	96.60	90.93	7
2000:	144.89	2.871	146.92	142.86	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DECEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1485	3.3	1492	1481	12
10:	1485	3.2	1492	1482	12
20:	1486	3.3	1492	1482	12
30:	1486	3.2	1492	1482	12
50:	1486	3.3	1492	1482	12
75:	1482	4.3	1493	1476	12
100:	1478	3.0	1482	1472	12
125:	1477	2.4	1480	1472	12
150:	1477	2.0	1480	1474	12
175:	1477	1.6	1479	1475	12
200:	1477	1.7	1479	1474	12
225:	1476	1.5	1478	1474	12
250:	1475	1.6	1477	1473	12
300:	1474	1.5	1477	1472	12
400:	1473	.9	1475	1472	11
500:	1474	.8	1476	1473	10
600:	1475	.6	1476	1474	10
700:	1475	.6	1477	1475	10
800:	1477	.7	1478	1476	10
900:	1477	.4	1478	1477	10
1000:	1478	.5	1479	1478	10
1200:	1480	.5	1481	1480	10
1500:	1484	.0	1484	1484	7
2000:	1490	.7	1491	1490	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.439	.2571	12.877	12.133	10
10:	12.149	.2582	12.601	11.838	10
20:	11.859	.2578	12.317	11.543	10
30:	11.567	.2572	12.027	11.248	10
50:	10.984	.2606	11.459	10.653	10
75:	10.297	.2439	10.756	9.967	10
100:	9.725	.2113	10.121	9.401	10
125:	9.232	.1886	9.581	8.932	10
150:	8.799	.1761	9.124	8.525	10
175:	8.409	.1716	8.720	8.152	10
200:	8.046	.1665	8.343	7.801	10
225:	7.701	.1603	7.983	7.466	10
250:	7.368	.1552	7.638	7.142	10
300:	6.726	.1434	6.967	6.520	10
400:	5.533	.1231	5.728	5.363	10
500:	4.436	.0914	4.596	4.313	10
600:	3.425	.0640	3.546	3.342	10
700:	2.483	.0449	2.569	2.430	10
800:	1.606	.0293	1.654	1.567	10
900:	.781	.0140	.800	.756	10
1000:	.000	.0006	.002	.000	10
1200:	-1.448	.0360	-1.393	-1.519	10
1500:	-3.384	.0798	-3.318	-3.556	7
2000:	-6.298	.1259	-6.209	-6.387	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

Table 5. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 7.

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.38	.573	16.79	15.98	2
23.8:	15.58	.374	16.03	15.07	7
24.0:	14.92	.354	15.54	14.03	21
24.2:	14.11	.477	14.88	12.86	31
24.4:	13.05	.507	13.85	11.89	38
24.6:	12.06	.520	12.93	10.78	45
24.8:	11.06	.473	11.87	9.81	56
25.0:	10.00	.460	11.11	8.84	68
25.2:	9.00	.446	10.41	7.92	89
25.4:	8.01	.436	9.28	7.04	113
25.6:	7.17	.517	8.39	5.80	137
25.8:	6.71	.560	7.95	5.55	142
26.0:	6.53	.495	7.65	5.32	142
26.2:	6.43	.452	7.88	5.43	142
26.4:	6.35	.410	7.62	5.49	142
26.6:	6.11	.346	6.87	5.30	142
26.8:	5.12	.271	5.82	4.52	141
27.0:	4.28	.191	4.72	3.95	120
27.2:	3.75	.117	4.08	3.47	118
27.4:	3.10	.077	3.29	2.84	117
27.6:	2.27	.080	2.44	2.12	23

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	32.301	.1874	32.434	32.169	2
23.8:	32.335	.1108	32.453	32.167	7
24.0:	32.412	.0855	32.562	32.240	21
24.2:	32.454	.1091	32.608	32.100	31
24.4:	32.496	.1258	32.661	32.147	38
24.6:	32.471	.1227	32.710	32.183	45
24.8:	32.495	.1105	32.754	32.188	56
25.0:	32.508	.1047	32.794	32.236	68
25.2:	32.542	.0942	32.831	32.314	89
25.4:	32.598	.0858	32.875	32.423	113
25.6:	32.699	.0948	32.935	32.465	137
25.8:	32.875	.0965	33.108	32.680	142
26.0:	33.097	.0818	33.290	32.900	142
26.2:	33.334	.0751	33.585	33.181	142
26.4:	33.572	.0672	33.790	33.438	142
26.6:	33.785	.0553	33.910	33.660	142
26.8:	33.887	.0397	33.991	33.801	141
27.0:	34.021	.0258	34.080	33.977	120
27.2:	34.204	.0150	34.245	34.168	118
27.4:	34.376	.0087	34.398	34.347	117
27.6:	34.539	.0073	34.555	34.525	23

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	11	2.1	13	10	2
23.8:	18	7.1	30	12	7
24.0:	20	7.8	33	9	21
24.2:	23	9.1	42	0	31
24.4:	28	8.9	53	9	38
24.6:	31	11.4	59	4	45
24.8:	34	12.2	64	9	56
25.0:	40	12.4	70	14	68
25.2:	47	14.7	84	10	89
25.4:	63	17.5	103	0	113
25.6:	84	15.4	113	13	137
25.8:	102	10.7	126	71	142
26.0:	115	10.9	137	83	142
26.2:	129	11.7	159	93	142
26.4:	147	12.8	181	108	142
26.6:	180	18.0	283	147	142
26.8:	272	24.0	382	224	141
27.0:	433	33.0	553	370	120
27.2:	658	37.0	833	583	118
27.4:	995	42.7	1146	922	117
27.6:	1593	93.0	1753	1402	23

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	430.4	.02	430.4	430.4	2
23.8:	411.4	.24	411.8	411.1	7
24.0:	392.4	.21	392.7	392.0	21
24.2:	373.3	.25	374.0	372.8	31
24.4:	354.3	.23	355.0	353.7	38
24.6:	335.3	.27	335.9	334.6	45
24.8:	316.2	.23	316.7	315.7	56
25.0:	297.3	.22	297.9	296.9	68
25.2:	278.4	.25	279.1	277.8	89
25.4:	259.5	.28	260.3	258.6	113
25.6:	240.7	.23	241.2	239.8	137
25.8:	221.9	.18	222.3	221.4	142
26.0:	203.0	.16	203.4	202.5	142
26.2:	184.2	.18	184.8	183.7	142
26.4:	165.5	.22	166.3	165.0	142
26.6:	146.9	.31	148.8	146.4	142
26.8:	128.6	.34	130.2	128.0	141
27.0:	110.7	.41	112.3	109.8	120
27.2:	93.1	.36	94.6	92.3	118
27.4:	75.6	.25	76.5	75.1	117
27.6:	57.9	.32	58.5	57.3	23

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.38	.573	16.79	15.98	2
23.8:	15.58	.374	16.03	15.06	7
24.0:	14.92	.354	15.53	14.02	21
24.2:	14.11	.477	14.88	12.86	31
24.4:	13.05	.506	13.85	11.89	38
24.6:	12.05	.520	12.93	10.78	45
24.8:	11.06	.472	11.86	9.81	56
25.0:	10.00	.459	11.10	8.84	68
25.2:	9.00	.446	10.40	7.92	89
25.4:	8.00	.435	9.27	7.04	113
25.6:	7.16	.517	8.38	5.79	137
25.8:	6.70	.560	7.94	5.54	142
26.0:	6.51	.495	7.64	5.31	142
26.2:	6.42	.451	7.87	5.42	142
26.4:	6.34	.411	7.61	5.47	142
26.6:	6.10	.345	6.85	5.29	142
26.8:	5.10	.270	5.80	4.50	141
27.0:	4.25	.190	4.68	3.92	120
27.2:	3.70	.116	4.02	3.41	118
27.4:	3.03	.078	3.22	2.77	117
27.6:	2.16	.086	2.34	2.00	23

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	429.0	1.20	429.9	428.2	2
23.8:	409.4	2.08	410.9	405.6	7
24.0:	390.1	2.47	393.4	384.1	21
24.2:	370.8	3.59	381.3	361.2	31
24.4:	351.1	3.19	353.7	340.1	38
24.6:	331.0	3.46	334.7	321.3	45
24.8:	312.0	3.04	315.6	304.1	56
25.0:	293.8	2.45	296.6	288.0	68
25.2:	275.9	1.62	277.6	270.9	89
25.4:	257.5	.95	258.6	253.8	113
25.6:	238.7	.74	239.6	235.6	137
25.8:	219.8	.55	220.5	217.8	142
26.0:	200.9	.42	201.5	199.3	142
26.2:	182.0	.33	182.4	180.7	142
26.4:	163.2	.20	163.5	162.4	142
26.6:	144.3	.08	144.5	144.1	142
26.8:	125.3	.09	125.4	124.8	141
27.0:	106.2	.12	106.4	105.9	120
27.2:	87.2	.07	87.3	87.1	118
27.4:	68.1	.07	68.2	67.8	117
27.6:	48.7	.18	49.0	48.5	23

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.49	.106	.57	.42	2
23.8:	.79	.296	1.26	.51	7
24.0:	.84	.329	1.37	.35	21
24.2:	.93	.374	1.64	.00	31
24.4:	1.09	.352	2.02	.32	38
24.6:	1.19	.437	2.22	.15	45
24.8:	1.26	.471	2.40	.28	56
25.0:	1.40	.465	2.58	.43	68
25.2:	1.56	.509	2.87	.28	89
25.4:	1.94	.537	3.34	.01	113
25.6:	2.39	.468	3.74	.31	137
25.8:	2.79	.373	4.75	1.92	142
26.0:	3.09	.379	4.25	2.06	142
26.2:	3.36	.391	4.43	2.18	142
26.4:	3.67	.403	4.66	2.44	142
26.6:	4.18	.440	5.67	3.07	142
26.8:	5.45	.498	7.23	4.12	141
27.0:	7.38	.572	9.33	5.96	120
27.2:	9.68	.589	11.57	8.15	118
27.4:	12.54	.615	14.36	11.02	117
27.6:	16.59	.776	18.05	15.08	23

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.03	.010	.04	.02	2
23.8:	.08	.063	.19	.03	7
24.0:	.10	.072	.23	.02	21
24.2:	.13	.088	.36	.00	31
24.4:	.17	.106	.54	.01	38
24.6:	.21	.137	.66	.00	45
24.8:	.24	.162	.77	.01	56
25.0:	.31	.183	.89	.03	68
25.2:	.41	.230	1.12	.01	89
25.4:	.65	.304	1.54	.00	113
25.6:	1.02	.328	1.98	.02	137
25.8:	1.40	.295	2.36	.73	142
26.0:	1.72	.319	2.62	.92	142
26.2:	2.07	.364	2.97	1.03	142
26.4:	2.51	.425	3.68	1.29	142
26.6:	3.38	.648	7.02	2.13	142
26.8:	6.33	1.065	11.75	4.13	141
27.0:	13.34	2.008	21.80	9.57	120
27.2:	26.20	3.057	40.11	20.04	118
27.4:	50.32	4.602	68.32	42.22	117
27.6:	103.26	10.892	122.98	82.89	23

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.481	.1980	12.621	12.341	2
23.8:	12.344	.1642	12.526	12.138	4
24.0:	12.070	.3793	12.739	11.329	17
24.2:	11.903	.3814	13.072	11.296	26
24.4:	11.765	.3776	12.899	11.232	31
24.6:	11.613	.4713	12.752	10.692	36
24.8:	11.473	.4338	12.609	10.546	46
25.0:	11.252	.4225	12.435	10.407	55
25.2:	11.011	.4567	12.305	10.129	73
25.4:	10.589	.4584	12.212	9.883	93
25.6:	10.090	.3263	11.345	9.480	113
25.8:	9.688	.2569	10.978	9.197	117
26.0:	9.404	.2614	10.557	8.865	117
26.2:	9.132	.2553	10.083	8.649	117
26.4:	8.829	.2373	9.828	8.365	117
26.6:	8.331	.1987	9.142	7.671	117
26.8:	7.038	.2003	7.455	6.400	117
27.0:	5.098	.2571	5.582	4.298	117
27.2:	2.805	.2776	3.348	1.459	117
27.4:	-.042	.3322	.509	-1.323	117
27.6:	-4.012	.6471	-2.757	-5.126	23

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.967	.2942	13.175	12.759	2
23.8:	12.989	.2032	13.167	12.735	4
24.0:	12.852	.2048	13.261	12.440	17
24.2:	12.770	.2595	13.224	12.183	26
24.4:	12.778	.2947	13.616	12.168	31
24.6:	12.706	.2861	13.574	12.146	36
24.8:	12.594	.2774	13.523	12.104	46
25.0:	12.519	.2708	13.463	12.049	55
25.2:	12.402	.2676	13.391	11.903	73
25.4:	12.304	.2649	13.308	11.811	93
25.6:	12.156	.2660	13.194	11.693	113
25.8:	11.971	.2536	13.035	11.403	117
26.0:	11.764	.2457	12.847	11.211	117
26.2:	11.533	.2384	12.619	10.989	117
26.4:	11.274	.2303	12.334	10.742	117
26.6:	10.975	.2199	11.970	10.460	117
26.8:	10.575	.1947	11.418	10.115	117
27.0:	9.945	.1538	10.563	9.606	117
27.2:	8.991	.0962	9.388	8.782	117
27.4:	7.552	.0298	7.744	7.467	117
27.6:	5.323	.0738	5.474	5.151	23

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	-----	N/A	-----		0
23.8:	-----	N/A	-----		0
24.0:	-----	N/A	-----		0
24.2:	6.23	----- N/A	-----		1
24.4:	6.38	----- N/A	-----		1
24.6:	6.51	----- N/A	-----		1
24.8:	6.49	.191	6.63	6.36	2
25.0:	6.56	.321	6.77	6.19	3
25.2:	6.51	.398	6.74	6.05	3
25.4:	6.40	.528	6.93	5.80	5
25.6:	6.32	.491	6.71	5.55	7
25.8:	5.94	.502	6.48	5.33	7
26.0:	5.45	.364	5.96	4.93	7
26.2:	4.88	.316	5.28	4.37	7
26.4:	4.42	.249	4.76	4.09	7
26.6:	3.92	.197	4.16	3.61	7
26.8:	2.81	.436	3.23	1.89	7
27.0:	1.18	.146	1.39	.99	7
27.2:	.54	.130	.75	.34	7
27.4:	.38	.047	.45	.33	7
27.6:	1.04	.130	1.24	.89	6

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	1508	2.1	1510	1507	2
23.8:	1506	1.3	1508	1505	7
24.0:	1504	1.4	1507	1501	21
24.2:	1501	1.8	1504	1497	31
24.4:	1498	2.0	1501	1494	38
24.6:	1494	1.9	1498	1490	45
24.8:	1491	1.8	1495	1487	56
25.0:	1487	1.8	1492	1483	68
25.2:	1484	1.9	1490	1480	89
25.4:	1480	1.9	1486	1477	113
25.6:	1477	2.2	1483	1472	137
25.8:	1476	2.3	1482	1472	142
26.0:	1476	2.1	1481	1472	142
26.2:	1476	1.8	1483	1473	142
26.4:	1477	1.8	1483	1473	142
26.6:	1476	1.6	1482	1473	142
26.8:	1474	1.3	1478	1472	141
27.0:	1473	1.2	1478	1471	120
27.2:	1475	.9	1479	1474	118
27.4:	1478	.7	1481	1478	117
27.6:	1485	1.3	1487	1483	23

Table 6. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, by months, for Station 7.

JANUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.57	.219	9.73	9.42	2
25.2:	8.78	.102	8.88	8.68	4
25.4:	8.09	.429	8.90	7.28	11
25.6:	7.40	.506	8.18	6.68	13
25.8:	6.91	.590	7.58	5.74	13
26.0:	6.57	.530	7.17	5.51	13
26.2:	6.43	.460	7.08	5.65	13
26.4:	6.34	.393	6.83	5.70	13
26.6:	6.13	.370	6.60	5.47	13
26.8:	5.19	.294	5.58	4.78	13
27.0:	4.32	.269	4.72	3.97	13
27.2:	3.76	.131	3.98	3.59	13
27.4:	3.10	.064	3.22	3.00	13
27.6:	2.21	.078	2.27	2.16	2

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	32.387	.0326	32.410	32.364	2
25.2:	32.495	.0094	32.509	32.488	4
25.4:	32.608	.0809	32.758	32.457	11
25.6:	32.748	.0933	32.894	32.624	13
25.8:	32.913	.1052	33.043	32.710	13
26.0:	33.103	.0877	33.203	32.928	13
26.2:	33.331	.0781	33.448	33.202	13
26.4:	33.571	.0633	33.650	33.470	13
26.6:	33.788	.0588	33.864	33.686	13
26.8:	33.896	.0437	33.953	33.835	13
27.0:	34.028	.0364	34.080	33.982	13
27.2:	34.204	.0168	34.233	34.182	13
27.4:	34.376	.0075	34.390	34.364	13
27.6:	34.533	.0073	34.539	34.528	2

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	52	.7	53	52	2
25.2:	65	6.1	74	60	4
25.4:	80	11.2	103	68	11
25.6:	92	11.7	112	77	13
25.8:	102	11.5	121	90	13
26.0:	115	12.6	134	98	13
26.2:	131	13.8	155	112	13
26.4:	149	14.6	173	130	13
26.6:	181	15.6	205	153	13
26.8:	275	20.3	306	243	13
27.0:	442	18.7	465	419	13
27.2:	663	25.0	717	628	13
27.4:	994	37.9	1062	923	13
27.6:	1649	43.8	1680	1618	2

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	297.5	.07	297.6	297.5	2
25.2:	278.6	.19	278.9	278.5	4
25.4:	259.8	.23	260.3	259.5	11
25.6:	240.8	.24	241.2	240.5	13
25.8:	221.9	.24	222.3	221.6	13
26.0:	203.0	.19	203.4	202.8	13
26.2:	184.3	.20	184.7	184.0	13
26.4:	165.5	.23	165.9	165.2	13
26.6:	147.0	.28	147.4	146.4	13
26.8:	128.7	.36	129.3	128.1	13
27.0:	110.8	.38	111.4	110.3	13
27.2:	93.1	.32	93.7	92.7	13
27.4:	75.6	.21	75.9	75.2	13
27.6:	58.0	.07	58.1	58.0	2

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.56	.219	9.72	9.41	2
25.2:	8.77	.102	8.87	8.67	4
25.4:	8.08	.427	8.88	7.27	11
25.6:	7.39	.505	8.16	6.67	13
25.8:	6.91	.589	7.57	5.74	13
26.0:	6.56	.530	7.16	5.50	13
26.2:	6.41	.461	7.07	5.63	13
26.4:	6.33	.394	6.82	5.69	13
26.6:	6.12	.367	6.58	5.45	13
26.8:	5.16	.291	5.55	4.76	13
27.0:	4.28	.267	4.68	3.94	13
27.2:	3.71	.129	3.93	3.54	13
27.4:	3.03	.064	3.15	2.93	13
27.6:	2.10	.085	2.16	2.04	2

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	295.9	.99	296.6	295.2	2
25.2:	275.9	1.27	277.5	274.9	4
25.4:	257.8	.75	258.4	255.9	11
25.6:	238.1	.96	239.4	236.0	13
25.8:	219.6	.79	220.5	217.8	13
26.0:	201.0	.31	201.5	200.4	13
26.2:	182.2	.32	182.4	181.5	13
26.4:	163.1	.17	163.4	162.9	13
26.6:	144.3	.10	144.4	144.1	13
26.8:	125.3	.08	125.4	125.2	13
27.0:	106.1	.10	106.3	105.9	13
27.2:	87.2	.06	87.3	87.1	13
27.4:	68.1	.06	68.2	68.0	13
27.6:	48.6	.07	48.7	48.6	2

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1.59	.042	1.62	1.56	2
25.2:	1.93	.159	2.16	1.79	4
25.4:	2.22	.267	2.74	1.98	11
25.6:	2.48	.274	2.97	2.16	13
25.8:	2.73	.284	3.19	2.37	13
26.0:	3.01	.280	3.43	2.66	13
26.2:	3.33	.291	3.84	2.99	13
26.4:	3.63	.296	4.15	3.22	13
26.6:	4.14	.308	4.66	3.51	13
26.8:	5.43	.371	5.95	4.74	13
27.0:	7.43	.345	7.89	6.84	13
27.2:	9.69	.418	10.39	8.96	13
27.4:	12.49	.505	13.14	11.44	13
27.6:	16.86	.163	16.98	16.75	2

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	.43	.014	.44	.42	2
25.2:	.65	.118	.82	.55	4
25.4:	.93	.250	1.44	.69	11
25.6:	1.18	.287	1.70	.86	13
25.8:	1.42	.309	1.96	1.09	13
26.0:	1.73	.352	2.29	1.31	13
26.2:	2.14	.423	2.89	1.61	13
26.4:	2.58	.478	3.42	2.00	13
26.6:	3.45	.566	4.41	2.49	13
26.8:	6.46	.919	7.84	4.99	13
27.0:	13.81	1.280	15.44	12.08	13
27.2:	26.61	2.118	31.02	23.46	13
27.4:	50.35	3.745	56.24	43.06	13
27.6:	109.32	3.818	112.02	106.62	2

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DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.891	.1039	10.965	10.818	2
25.2:	10.499	.1714	10.680	10.289	4
25.4:	10.250	.2253	10.556	9.883	11
25.6:	9.971	.1554	10.215	9.687	13
25.8:	9.728	.1511	10.049	9.471	13
26.0:	9.451	.1697	9.696	9.243	13
26.2:	9.132	.1904	9.440	8.806	13
26.4:	8.824	.1739	9.124	8.482	13
26.6:	8.316	.1287	8.530	8.120	13
26.8:	7.032	.1832	7.378	6.772	13
27.0:	5.028	.1529	5.304	4.851	13
27.2:	2.767	.1844	2.978	2.330	13
27.4:	-.031	.2889	.505	-.555	13
27.6:	-4.375	.2553	-4.195	-4.556	2

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	12.464	.1259	12.553	12.375	2
25.2:	12.327	.0951	12.442	12.233	4
25.4:	12.357	.2541	12.756	11.920	11
25.6:	12.201	.2569	12.585	11.763	13
25.8:	12.016	.2389	12.369	11.593	13
26.0:	11.809	.2208	12.132	11.411	13
26.2:	11.577	.2027	11.858	11.198	13
26.4:	11.313	.1859	11.571	10.953	13
26.6:	11.008	.1665	11.237	10.687	13
26.8:	10.603	.1383	10.791	10.335	13
27.0:	9.967	.1081	10.099	9.765	13
27.2:	8.997	.0748	9.086	8.846	13
27.4:	7.554	.0218	7.587	7.512	13
27.6:	5.307	.0092	5.314	5.301	2

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	-----	N/A	-----		0
25.2:	-----	N/A	-----		0
25.4:	-----	N/A	-----		0
25.6:	-----	N/A	-----		0
25.8:	-----	N/A	-----		0
26.0:	-----	N/A	-----		0
26.2:	-----	N/A	-----		0
26.4:	-----	N/A	-----		0
26.6:	-----	N/A	-----		0
26.8:	-----	N/A	-----		0
27.0:	-----	N/A	-----		0
27.2:	-----	N/A	-----		0
27.4:	-----	N/A	-----		0
27.6:	-----	N/A	-----		0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1486	.7	1487	1486	2
25.2:	1483	.6	1484	1483	4
25.4:	1481	1.9	1485	1478	11
25.6:	1479	2.2	1483	1476	13
25.8:	1477	2.4	1480	1473	13
26.0:	1476	2.3	1479	1472	13
26.2:	1476	1.8	1479	1474	13
26.4:	1477	1.7	1479	1474	13
26.6:	1476	1.7	1479	1474	13
26.8:	1474	1.5	1477	1473	13
27.0:	1474	1.3	1476	1472	13
27.2:	1475	.8	1477	1475	13
27.4:	1478	.5	1479	1478	13
27.6:	1486	.0	1486	1486	2

FEBRUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.57	-----	N/A	-----	1
25.4:	7.95	.387	8.18	7.50	3
25.6:	7.09	.676	7.82	5.80	8
25.8:	6.71	.588	7.51	5.74	10
26.0:	6.58	.431	7.21	5.93	10
26.2:	6.51	.319	7.00	6.10	10
26.4:	6.46	.265	6.85	6.16	10
26.6:	6.23	.227	6.64	5.96	10
26.8:	5.20	.287	5.68	4.68	10
27.0:	4.34	.230	4.66	3.95	10
27.2:	3.77	.141	3.95	3.47	10
27.4:	3.09	.069	3.15	2.91	10
27.6:	2.28	-----	N/A	-----	1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	32.455	-----	N/A	-----	1
25.4:	32.581	.0613	32.620	32.510	3
25.6:	32.679	.1209	32.827	32.465	8
25.8:	32.880	.1010	33.026	32.722	10
26.0:	33.111	.0702	33.212	33.011	10
26.2:	33.349	.0552	33.433	33.276	10
26.4:	33.589	.0437	33.654	33.541	10
26.6:	33.804	.0371	33.870	33.759	10
26.8:	33.899	.0423	33.971	33.824	10
27.0:	34.029	.0306	34.072	33.979	10
27.2:	34.206	.0180	34.229	34.168	10
27.4:	34.375	.0081	34.383	34.355	10
27.6:	34.542	-----	N/A	-----	1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	59	-----	N/A	-----	1
25.4:	54	47.7	100	7	3
25.6:	95	10.1	108	82	8
25.8:	105	12.6	121	81	10
26.0:	115	12.7	131	87	10
26.2:	127	15.0	142	93	10
26.4:	143	17.0	162	108	10
26.6:	179	14.4	200	152	10
26.8:	283	21.6	324	251	10
27.0:	457	28.5	513	422	10
27.2:	697	58.3	833	646	10
27.4:	1027	57.6	1146	955	10
27.6:	1685	-----	N/A	-----	1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	278.5	-----	N/A	-----	1
25.4:	259.5	.76	260.2	258.7	3
25.6:	240.8	.18	241.1	240.6	8
25.8:	221.9	.22	222.2	221.5	10
26.0:	203.0	.24	203.3	202.5	10
26.2:	184.2	.23	184.5	183.7	10
26.4:	165.5	.21	165.8	165.1	10
26.6:	147.0	.15	147.2	146.8	10
26.8:	128.8	.28	129.4	128.5	10
27.0:	110.9	.45	111.7	110.3	10
27.2:	93.4	.40	94.2	93.0	10
27.4:	75.7	.30	76.2	75.3	10
27.6:	58.5	-----	N/A	-----	1

FEBRUARY

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.56	----- N/A -----			1
25.4:	7.94	.381	8.17	7.50	3
25.6:	7.03	.676	7.81	5.79	8
25.8:	6.70	.588	7.50	5.73	10
26.0:	6.57	.429	7.19	5.92	10
26.2:	6.50	.319	6.99	6.09	10
26.4:	6.44	.268	6.84	6.14	10
26.6:	6.22	.228	6.63	5.94	10
26.8:	5.18	.289	5.66	4.65	10
27.0:	4.30	.227	4.62	3.92	10
27.2:	3.72	.142	3.89	3.41	10
27.4:	3.01	.074	3.08	2.82	10
27.6:	2.17	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	275.9	----- N/A -----			1
25.4:	257.9	.68	258.4	257.1	3
25.6:	238.7	.64	239.5	237.7	8
25.8:	219.5	.58	220.3	218.6	10
26.0:	200.5	.56	201.0	199.3	10
26.2:	181.7	.39	182.2	181.1	10
26.4:	163.2	.15	163.4	162.9	10
26.6:	144.3	.08	144.4	144.2	10
26.8:	125.2	.08	125.4	125.1	10
27.0:	106.1	.06	106.2	106.0	10
27.2:	87.1	.05	87.2	87.1	10
27.4:	68.0	.09	68.1	67.9	10
27.6:	48.5	----- N/A -----			1

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1.70	----- N/A -----			1
25.4:	1.63	1.293	2.64	.17	3
25.6:	2.46	.232	2.82	2.15	8
25.8:	2.64	.330	3.03	1.93	10
26.0:	2.86	.350	3.26	2.06	10
26.2:	3.09	.400	3.45	2.18	10
26.4:	3.38	.423	3.76	2.44	10
26.6:	3.94	.367	4.29	3.12	10
26.8:	5.36	.281	5.84	4.90	10
27.0:	7.45	.351	7.98	6.94	10
27.2:	9.91	.629	11.32	9.16	10
27.4:	12.73	.673	14.10	11.80	10
27.6:	17.42	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	.51	----- N/A -----			1
25.4:	.71	.672	1.35	.01	3
25.6:	1.22	.238	1.55	.92	8
25.8:	1.43	.330	1.85	.80	10
26.0:	1.68	.355	2.14	.92	10
26.2:	1.97	.432	2.40	1.03	10
26.4:	2.37	.520	2.92	1.29	10
26.6:	3.29	.546	4.02	2.20	10
26.8:	6.68	.855	8.06	5.40	10
27.0:	14.61	1.708	17.91	12.82	10
27.2:	29.26	4.664	40.11	25.23	10
27.4:	54.08	6.525	68.32	46.80	10
27.6:	115.43	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	10.800	----- N/A -----			1
25.4:	10.912	1.1388	12.212	10.092	3
25.6:	10.038	.2740	10.367	9.645	8
25.8:	9.786	.2976	10.332	9.351	10
26.0:	9.566	.3283	10.201	9.120	10
26.2:	9.333	.3731	10.083	8.935	10
26.4:	9.051	.3868	9.828	8.578	10
26.6:	8.490	.3223	9.142	8.098	10
26.8:	7.066	.2334	7.412	6.758	10
27.0:	4.976	.2603	5.237	4.438	10
27.2:	2.515	.4505	2.932	1.459	10
27.4:	-.298	.4738	.271	-1.323	10
27.6:	-4.688	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	12.440	----- N/A -----			1
25.4:	12.470	.2127	12.713	12.316	3
25.6:	12.359	.2214	12.710	12.106	8
25.8:	12.134	.2072	12.509	11.884	10
26.0:	11.925	.2040	12.294	11.679	10
26.2:	11.695	.2069	12.068	11.458	10
26.4:	11.442	.2135	11.813	11.199	10
26.6:	11.150	.2190	11.515	10.913	10
26.8:	10.739	.2109	11.092	10.511	10
27.0:	10.089	.1972	10.471	9.866	10
27.2:	9.086	.1268	9.349	8.943	10
27.4:	7.555	.0392	7.604	7.467	10
27.6:	5.285	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:		----- N/A -----			0
25.4:	5.80	----- N/A -----			1
25.6:	5.55	----- N/A -----			1
25.8:	5.33	----- N/A -----			1
26.0:	5.12	----- N/A -----			1
26.2:	4.69	----- N/A -----			1
26.4:	4.17	----- N/A -----			1
26.6:	3.70	----- N/A -----			1
26.8:	1.89	----- N/A -----			1
27.0:	1.07	----- N/A -----			1
27.2:	.75	----- N/A -----			1
27.4:	.34	----- N/A -----			1
27.6:	1.24	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1483	----- N/A -----			1
25.4:	1480	2.3	1482	1478	3
25.6:	1477	3.0	1481	1472	8
25.8:	1476	2.4	1480	1473	10
26.0:	1476	1.9	1480	1474	10
26.2:	1477	1.3	1479	1475	10
26.4:	1477	1.1	1479	1476	10
26.6:	1477	.8	1479	1477	10
26.8:	1475	1.4	1477	1473	10
27.0:	1474	1.3	1476	1472	10
27.2:	1476	.9	1478	1475	10
27.4:	1479	.8	1480	1478	10
27.6:	1487	----- N/A -----			1

MARCH

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.91	.106	7.99	7.84	2
25.6:	7.18	.448	7.78	6.39	9
25.8:	6.99	.417	7.58	6.28	9
26.0:	6.85	.380	7.40	6.21	9
26.2:	6.72	.342	7.07	6.13	9
26.4:	6.60	.330	6.91	6.07	9
26.6:	6.26	.336	6.63	5.77	9
26.8:	5.23	.242	5.50	4.80	9
27.0:	4.47	.187	4.64	4.13	7
27.2:	3.85	.141	4.08	3.65	7
27.4:	3.17	.069	3.21	3.03	6
27.6:	2.27	.016	2.29	2.25	4

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	65	17.7	78	53	2
25.6:	85	9.7	101	73	9
25.8:	98	9.5	114	86	9
26.0:	110	10.1	126	100	9
26.2:	124	11.5	145	112	9
26.4:	144	13.3	173	131	9
26.6:	181	19.0	226	163	9
26.8:	278	16.8	297	249	9
27.0:	449	33.2	482	390	7
27.2:	665	34.8	714	615	7
27.4:	1010	30.6	1037	959	6
27.6:	1612	61.6	1664	1526	4

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.91	.106	7.99	7.84	2
25.6:	7.18	.442	7.77	6.39	9
25.8:	6.98	.417	7.57	6.27	9
26.0:	6.84	.380	7.39	6.20	9
26.2:	6.71	.343	7.06	6.12	9
26.4:	6.58	.329	6.89	6.06	9
26.6:	6.24	.335	6.61	5.75	9
26.8:	5.21	.241	5.48	4.78	9
27.0:	4.43	.185	4.60	4.10	7
27.2:	3.80	.138	4.02	3.60	7
27.4:	3.04	.067	3.13	2.96	6
27.6:	2.16	.022	2.19	2.14	4

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1.75	.495	2.10	1.40	2
25.6:	2.17	.231	2.52	1.91	9
25.8:	2.46	.215	2.83	2.21	9
26.0:	2.73	.223	3.09	2.51	9
26.2:	3.01	.247	3.42	2.69	9
26.4:	3.35	.275	3.91	3.02	9
26.6:	3.94	.356	4.75	3.61	9
26.8:	5.27	.255	5.73	4.90	9
27.0:	7.30	.428	7.87	6.58	7
27.2:	9.52	.446	10.08	8.94	7
27.4:	12.46	.384	12.96	11.83	6
27.6:	16.49	.630	16.96	15.57	4

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.816	----- N/A -----			1
25.6:	10.193	.2558	10.464	9.736	6
25.8:	9.881	.2606	10.184	9.432	6
26.0:	9.625	.2327	9.921	9.232	6
26.2:	9.370	.2123	9.659	9.048	6
26.4:	9.028	.2031	9.277	8.707	6
26.6:	8.494	.1852	8.616	8.110	6
26.8:	7.053	.1099	7.167	6.905	6
27.0:	4.957	.2737	5.486	4.730	6
27.2:	2.693	.2295	3.010	2.373	6
27.4:	-.156	.2341	.235	-.363	6
27.6:	-4.164	.4593	-3.507	-4.530	4

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.572	.0248	32.590	32.555	2
25.6:	32.700	.0778	32.822	32.573	9
25.8:	32.923	.0730	33.033	32.798	9
26.0:	33.148	.0656	33.239	33.041	9
26.2:	33.382	.0587	33.446	33.287	9
26.4:	33.612	.0549	33.664	33.524	9
26.6:	33.808	.0551	33.869	33.729	9
26.8:	33.902	.0351	33.941	33.840	9
27.0:	34.046	.0244	34.069	34.002	7
27.2:	34.216	.0179	34.245	34.191	7
27.4:	34.379	.0081	34.390	34.369	6
27.6:	34.539	.0000	34.540	34.538	4

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.5	.21	259.7	259.4	2
25.6:	240.7	.16	241.0	240.5	9
25.8:	221.9	.15	222.2	221.7	9
26.0:	203.1	.11	203.3	202.9	9
26.2:	184.3	.15	184.5	184.1	9
26.4:	165.6	.19	165.9	165.3	9
26.6:	147.0	.28	147.4	146.7	9
26.8:	128.8	.20	129.0	128.5	9
27.0:	111.0	.38	111.5	110.5	7
27.2:	93.3	.46	94.1	92.8	7
27.4:	75.7	.24	76.0	75.4	6
27.6:	58.0	.28	58.2	57.6	4

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	258.0	.35	258.3	257.8	2
25.6:	238.8	.67	239.5	237.5	9
25.8:	219.7	.50	220.4	219.1	9
26.0:	201.1	.33	201.5	200.4	9
26.2:	182.0	.27	182.4	181.6	9
26.4:	163.2	.09	163.3	163.1	9
26.6:	144.3	.09	144.4	144.2	9
26.8:	125.3	.07	125.4	125.2	9
27.0:	106.2	.08	106.3	106.1	7
27.2:	87.2	.07	87.3	87.1	7
27.4:	68.1	.10	68.2	68.0	6
27.6:	48.7	.14	48.9	48.6	4

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.60	.318	.83	.38	2
25.6:	.96	.210	1.30	.71	9
25.8:	1.24	.234	1.65	.95	9
26.0:	1.52	.268	1.96	1.25	9
26.2:	1.86	.324	2.41	1.51	9
26.4:	2.34	.421	3.22	1.91	9
26.6:	3.33	.681	4.92	2.72	9
26.8:	6.46	.715	7.55	5.38	9
27.0:	14.10	1.906	16.22	10.87	7
27.2:	26.79	2.843	30.66	22.91	7
27.4:	51.97	3.224	55.11	46.36	6
27.6:	105.82	8.313	112.64	93.84	4

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	12.201	----- N/A -----			1
25.6:	12.217	.2005	12.517	11.954	6
25.8:	12.045	.1940	12.314	11.768	6
26.0:	11.851	.1889	12.086	11.560	6
26.2:	11.631	.1835	11.836	11.337	6
26.4:	11.386	.1809	11.577	11.087	6
26.6:	11.093	.1757	11.283	10.792	6
26.8:	10.686	.1640	10.858	10.393	6
27.0:	10.043	.1266	10.189	9.832	6
27.2:	9.047	.0757	9.154	8.947	6
27.4:	7.568	.0250	7.602	7.537	6
27.6:	5.295	.0591	5.381	5.248	4

MARCH

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:	6.64	.007	6.65	6.64	2
25.8:	5.99	.021	6.01	5.98	2
26.0:	5.39	.035	5.42	5.37	2
26.2:	4.79	.035	4.82	4.77	2
26.4:	4.42	.000	4.42	4.42	2
26.6:	3.99	.064	4.04	3.95	2
26.8:	2.89	.007	2.90	2.89	2
27.0:	1.06	.106	1.14	.99	2
27.2:	.40	.092	.47	.34	2
27.4:	.34	.014	.35	.33	2
27.6:	.97	.035	1.00	.95	2

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1480	.7	1481	1480	2
25.6:	1478	1.8	1481	1475	9
25.8:	1477	1.7	1480	1475	9
26.0:	1477	1.7	1480	1475	9
26.2:	1477	1.4	1479	1476	9
26.4:	1478	1.3	1479	1476	9
26.6:	1477	1.3	1479	1476	9
26.8:	1475	1.1	1476	1473	9
27.0:	1475	1.0	1476	1474	7
27.2:	1476	1.1	1478	1475	7
27.4:	1478	.8	1480	1478	6
27.6:	1485	1.0	1486	1484	4

APRIL

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.78	.262	7.97	7.60	2
25.6:	6.62	.296	7.16	6.35	6
25.8:	6.11	.432	6.73	5.55	9
26.0:	6.11	.364	6.59	5.62	9
26.2:	6.12	.380	6.75	5.54	9
26.4:	6.08	.352	6.71	5.54	9
26.6:	5.92	.322	6.36	5.42	9
26.8:	5.07	.239	5.45	4.72	9
27.0:	4.18	.109	4.35	4.04	6
27.2:	3.72	.093	3.82	3.60	5
27.4:	3.12	.019	3.15	3.10	5
27.6:		----- N/A -----			0

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.545	.0495	32.580	32.510	2
25.6:	32.602	.0525	32.700	32.553	6
25.8:	32.774	.0739	32.885	32.680	9
26.0:	33.030	.0596	33.108	32.944	9
26.2:	33.284	.0591	33.380	33.196	9
26.4:	33.528	.0561	33.628	33.441	9
26.6:	33.754	.0502	33.824	33.678	9
26.8:	33.879	.0352	33.936	33.827	9
27.0:	34.008	.0152	34.031	33.987	6
27.2:	34.200	.0119	34.213	34.184	5
27.4:	34.378	.0009	34.381	34.376	5
27.6:		----- N/A -----			0

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	48	68.6	97	0	2
25.6:	85	16.1	104	62	6
25.8:	102	9.8	117	82	9
26.0:	114	9.2	130	98	9
26.2:	126	12.5	143	105	9
26.4:	142	15.3	163	116	9
26.6:	172	17.5	196	147	9
26.8:	261	22.7	289	224	9
27.0:	407	33.6	461	370	6
27.2:	628	27.7	672	602	5
27.4:	964	30.2	996	922	5
27.6:		----- N/A -----			0

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.3	.99	260.0	258.6	2
25.6:	240.6	.23	240.9	240.3	6
25.8:	221.8	.20	222.1	221.4	9
26.0:	202.9	.18	203.2	202.7	9
26.2:	184.1	.20	184.3	183.8	9
26.4:	165.4	.25	165.7	165.0	9
26.6:	146.8	.30	147.3	146.5	9
26.8:	128.5	.34	129.0	128.0	9
27.0:	110.3	.39	110.9	109.9	6
27.2:	92.8	.34	93.3	92.4	5
27.4:	75.4	.16	75.6	75.2	5
27.6:		----- N/A -----			0

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.78	.262	7.97	7.60	2
25.6:	6.61	.293	7.15	6.34	6
25.8:	6.10	.431	6.72	5.54	9
26.0:	6.10	.363	6.58	5.61	9
26.2:	6.11	.380	6.74	5.53	9
26.4:	6.07	.354	6.70	5.52	9
26.6:	5.91	.318	6.34	5.41	9
26.8:	5.05	.239	5.43	4.70	9
27.0:	4.15	.109	4.32	4.01	6
27.2:	3.68	.095	3.78	3.55	5
27.4:	3.05	.019	3.08	3.03	5
27.6:		----- N/A -----			0

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	258.3	.07	258.4	258.3	2
25.6:	239.0	.29	239.3	238.5	6
25.8:	220.0	.45	220.5	219.2	9
26.0:	200.8	.52	201.4	200.1	9
26.2:	181.9	.45	182.4	181.0	9
26.4:	163.2	.22	163.5	162.9	9
26.6:	144.3	.09	144.4	144.2	9
26.8:	125.3	.12	125.4	125.1	9
27.0:	106.2	.10	106.4	106.1	6
27.2:	87.2	.10	87.3	87.1	5
27.4:	68.1	.05	68.2	68.1	5
27.6:		----- N/A -----			0

APRIL

DELTA O

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1.31	1.846	2.62	.01	2
25.6:	2.16	.449	2.80	1.57	6
25.8:	2.52	.315	2.97	1.92	9
26.0:	2.77	.296	3.18	2.27	9
26.2:	3.01	.371	3.60	2.41	9
26.4:	3.28	.421	3.96	2.60	9
26.6:	3.75	.439	4.47	3.07	9
26.8:	4.96	.507	5.75	4.12	9
27.0:	6.76	.650	7.83	5.96	6
27.2:	9.05	.620	9.99	8.33	5
27.4:	11.88	.651	12.73	11.02	5
27.6:		----- N/A -----			0

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.068	----- N/A -----			1
25.6:	9.816	.0827	9.886	9.725	3
25.8:	9.418	.1727	9.709	9.269	5
26.0:	9.189	.2077	9.549	9.025	5
26.2:	8.920	.1346	9.085	8.717	5
26.4:	8.673	.1275	8.795	8.463	5
26.6:	8.247	.1265	8.337	8.039	5
26.8:	6.956	.0568	7.055	6.911	5
27.0:	5.232	.2716	5.561	4.859	5
27.2:	3.022	.1983	3.194	2.695	5
27.4:	.194	.2255	.509	-.043	5
27.6:		----- N/A -----			0

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.65	.919	1.30	.00	2
25.6:	.97	.376	1.49	.49	6
25.8:	1.33	.279	1.73	.81	9
26.0:	1.61	.285	2.08	1.13	9
26.2:	1.91	.398	2.49	1.27	9
26.4:	2.29	.494	3.06	1.49	9
26.6:	3.06	.614	4.00	2.13	9
26.8:	5.76	1.009	7.16	4.13	9
27.0:	11.81	2.012	15.13	9.57	6
27.2:	23.83	2.473	27.68	21.31	5
27.4:	46.86	3.528	51.04	42.22	5
27.6:		----- N/A -----			0

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	12.596	----- N/A -----			1
25.6:	12.170	.2576	12.404	11.894	3
25.8:	11.825	.2931	12.198	11.429	5
26.0:	11.610	.2809	11.979	11.237	5
26.2:	11.372	.2666	11.734	11.030	5
26.4:	11.110	.2440	11.447	10.809	5
26.6:	10.813	.2186	11.117	10.557	5
26.8:	10.420	.1913	10.683	10.203	5
27.0:	9.816	.1476	10.015	9.660	5
27.2:	8.908	.0870	9.020	8.822	5
27.4:	7.536	.0206	7.556	7.508	5
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1480	.0	1480	1480	2
25.6:	1475	1.5	1478	1474	6
25.8:	1474	1.9	1477	1472	9
26.0:	1474	1.7	1477	1473	9
26.2:	1475	1.7	1478	1473	9
26.4:	1475	1.6	1479	1474	9
26.6:	1475	1.5	1478	1474	9
26.8:	1473	1.4	1476	1472	9
27.0:	1473	.9	1474	1472	6
27.2:	1475	.8	1476	1474	5
27.4:	1478	.5	1479	1478	5
27.6:		----- N/A -----			0

MAY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.13	----- N/A -----			1
25.0:	9.58	.396	9.86	9.30	2
25.2:	8.85	.411	9.48	7.92	11
25.4:	7.84	.314	8.27	7.10	20
25.6:	7.08	.458	7.70	6.31	26
25.8:	6.62	.510	7.40	5.83	26
26.0:	6.45	.447	7.19	5.62	26
26.2:	6.35	.407	7.03	5.56	26
26.4:	6.27	.395	6.99	5.51	26
26.6:	6.06	.345	6.67	5.30	26
26.8:	5.10	.252	5.64	4.52	26
27.0:	4.22	.146	4.48	3.96	23
27.2:	3.73	.082	3.89	3.52	23
27.4:	3.09	.064	3.22	2.91	23
27.6:	2.29	.078	2.41	2.21	5

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	32.479	----- N/A -----			1
25.0:	32.393	.0806	32.450	32.336	2
25.2:	32.493	.0797	32.617	32.314	11
25.4:	32.559	.0575	32.642	32.433	20
25.6:	32.675	.0805	32.800	32.549	26
25.8:	32.857	.0877	33.004	32.726	26
26.0:	33.085	.0725	33.201	32.945	26
26.2:	33.320	.0682	33.450	33.194	26
26.4:	33.559	.0646	33.688	33.439	26
26.6:	33.776	.0544	33.876	33.660	26
26.8:	33.883	.0365	33.962	33.801	26
27.0:	34.013	.0197	34.047	33.977	23
27.2:	34.201	.0105	34.221	34.174	23
27.4:	34.375	.0072	34.390	34.356	23
27.6:	34.540	.0062	34.550	34.534	5

MAY

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	9	----- N/A -----			1
25.0:	17	.7	18	17	2
25.2:	26	10.8	43	10	11
25.4:	54	17.1	81	15	20
25.6:	80	22.7	106	13	26
25.8:	103	10.3	126	86	26
26.0:	115	8.8	134	100	26
26.2:	128	9.2	145	113	26
26.4:	145	9.5	163	130	26
26.6:	174	11.0	192	152	26
26.8:	261	17.8	289	227	26
27.0:	415	27.8	465	370	23
27.2:	637	30.5	687	583	23
27.4:	978	28.6	1040	931	23
27.6:	1572	90.0	1667	1467	5

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	315.9	----- N/A -----			1
25.0:	296.9	.07	297.0	296.9	2
25.2:	278.1	.18	278.3	277.8	11
25.4:	259.4	.26	259.8	258.8	20
25.6:	240.6	.33	241.1	239.8	26
25.8:	221.8	.19	222.3	221.5	26
26.0:	203.0	.16	203.3	202.7	26
26.2:	184.2	.16	184.6	183.9	26
26.4:	165.5	.19	165.9	165.2	26
26.6:	146.8	.21	147.2	146.5	26
26.8:	128.5	.27	128.9	128.0	26
27.0:	110.4	.32	111.1	109.8	23
27.2:	92.9	.29	93.5	92.3	23
27.4:	75.4	.17	75.8	75.2	23
27.6:	57.9	.36	58.2	57.3	5

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.13	----- N/A -----			1
25.0:	9.57	.389	9.85	9.30	2
25.2:	8.85	.411	9.48	7.92	11
25.4:	7.83	.316	8.27	7.09	20
25.6:	7.03	.453	7.69	6.30	26
25.8:	6.60	.510	7.39	5.82	26
26.0:	6.44	.447	7.18	5.61	26
26.2:	6.33	.407	7.01	5.55	26
26.4:	6.25	.395	6.97	5.49	26
26.6:	6.04	.342	6.65	5.29	26
26.8:	5.08	.252	5.62	4.50	26
27.0:	4.19	.148	4.45	3.92	23
27.2:	3.69	.080	3.84	3.47	23
27.4:	3.02	.063	3.15	2.84	23
27.6:	2.18	.083	2.31	2.10	5

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	314.2	----- N/A -----			1
25.0:	295.6	.02	295.6	295.6	2
25.2:	277.3	.29	277.6	276.8	11
25.4:	258.0	.43	258.6	257.1	20
25.6:	238.9	.57	239.6	237.5	26
25.8:	219.9	.49	220.5	218.9	26
26.0:	200.8	.40	201.4	200.1	26
26.2:	182.0	.37	182.4	180.7	26
26.4:	163.1	.24	163.4	162.4	26
26.6:	144.3	.07	144.4	144.2	26
26.8:	125.3	.07	125.4	125.2	26
27.0:	106.3	.13	106.4	106.0	23
27.2:	87.2	.08	87.3	87.1	23
27.4:	68.1	.04	68.2	68.0	23
27.6:	48.8	.20	49.0	48.6	5

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.28	----- N/A -----			1
25.0:	.54	.035	.57	.52	2
25.2:	.75	.314	1.28	.28	11
25.4:	1.50	.489	2.29	.40	20
25.6:	2.11	.621	2.83	.31	26
25.8:	2.65	.295	3.22	2.01	26
26.0:	2.91	.250	3.36	2.52	26
26.2:	3.16	.255	3.60	2.80	26
26.4:	3.46	.266	3.92	3.07	26
26.6:	3.92	.281	4.31	3.43	26
26.8:	5.11	.360	5.62	4.30	26
27.0:	6.95	.481	7.74	6.02	23
27.2:	9.21	.491	9.97	8.15	23
27.4:	12.09	.468	12.86	11.10	23
27.6:	16.11	.933	17.03	15.11	5

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.01	----- N/A -----			1
25.0:	.04	.007	.05	.04	2
25.2:	.11	.077	.27	.01	11
25.4:	.46	.252	.91	.01	20
25.6:	.92	.392	1.51	.01	26
25.8:	1.37	.289	2.01	.89	26
26.0:	1.66	.267	2.24	1.30	26
26.2:	1.98	.292	2.51	1.55	26
26.4:	2.40	.324	3.01	1.94	26
26.6:	3.15	.387	3.72	2.49	26
26.8:	5.01	.745	7.09	4.39	26
27.0:	12.21	1.617	15.10	9.67	23
27.2:	24.41	2.397	28.57	20.04	23
27.4:	48.16	3.091	53.84	42.90	23
27.6:	99.46	11.078	110.84	87.28	5

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.315	----- N/A -----			1
25.0:	12.020	----- N/A -----			1
25.2:	11.519	.4238	12.305	11.006	9
25.4:	10.753	.5718	12.175	10.000	17
25.6:	10.054	.4381	11.185	9.480	23
25.8:	9.517	.1502	9.843	9.214	23
26.0:	9.263	.1568	9.562	8.977	23
26.2:	9.013	.1557	9.288	8.695	23
26.4:	8.721	.1584	8.985	8.421	23
26.6:	8.286	.1795	8.750	8.028	23
26.8:	7.087	.1507	7.389	6.844	23
27.0:	5.233	.2099	5.530	4.846	23
27.2:	2.966	.2344	3.348	2.589	23
27.4:	.089	.2166	.447	-.382	23
27.6:	-3.819	.6272	-3.093	-4.445	5

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.588	----- N/A -----			1
25.0:	12.562	----- N/A -----			1
25.2:	12.284	.2250	12.580	11.903	9
25.4:	12.210	.2318	12.571	11.811	17
25.6:	12.008	.2444	12.479	11.493	23
25.8:	11.831	.2175	12.247	11.403	23
26.0:	11.622	.2044	11.998	11.211	23
26.2:	11.392	.1934	11.736	10.989	23
26.4:	11.136	.1822	11.459	10.742	23
26.6:	10.842	.1719	11.150	10.460	23
26.8:	10.458	.1609	10.728	10.115	23
27.0:	9.853	.1244	10.078	9.606	23
27.2:	8.938	.0750	9.068	8.782	23
27.4:	7.540	.0188	7.574	7.510	23
27.6:	5.381	.0608	5.474	5.314	5

MAY

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:	6.93	----- N/A -----			1
25.6:	6.45	----- N/A -----			1
25.8:	6.11	----- N/A -----			1
26.0:	5.82	----- N/A -----			1
26.2:	5.28	----- N/A -----			1
26.4:	4.63	----- N/A -----			1
26.6:	4.04	----- N/A -----			1
26.8:	3.13	----- N/A -----			1
27.0:	1.39	----- N/A -----			1
27.2:	.47	----- N/A -----			1
27.4:	.42	----- N/A -----			1
27.6:	.89	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1491	----- N/A -----			1
25.0:	1486	1.4	1487	1485	2
25.2:	1483	1.6	1486	1480	11
25.4:	1480	1.4	1482	1477	20
25.6:	1477	2.1	1480	1474	26
25.8:	1476	2.2	1479	1473	26
26.0:	1476	1.9	1479	1473	26
26.2:	1476	1.6	1479	1473	26
26.4:	1476	1.7	1480	1474	26
26.6:	1476	1.6	1479	1473	26
26.8:	1474	1.2	1476	1472	26
27.0:	1473	.9	1475	1471	23
27.2:	1475	.7	1477	1474	23
27.4:	1478	.5	1479	1478	23
27.6:	1485	1.4	1486	1483	5

JUNE

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	10.95	----- N/A -----			1
24.8:	11.08	.661	11.76	9.84	9
25.0:	9.93	.491	10.54	8.84	13
25.2:	8.86	.478	9.50	7.94	15
25.4:	7.76	.410	8.44	7.16	15
25.6:	6.91	.427	7.68	6.44	15
25.8:	6.54	.495	7.15	5.55	15
26.0:	6.41	.523	7.58	5.47	15
26.2:	6.33	.527	7.83	5.53	15
26.4:	6.25	.481	7.62	5.53	15
26.6:	6.02	.357	6.86	5.42	15
26.8:	5.01	.219	5.32	4.68	14
27.0:	4.23	.113	4.35	4.02	11
27.2:	3.70	.077	3.85	3.62	11
27.4:	3.10	.092	3.24	2.93	11
27.6:	2.43	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	32.184	----- N/A -----			1
24.8:	32.458	.1462	32.608	32.188	9
25.0:	32.463	.1062	32.614	32.236	13
25.2:	32.503	.0900	32.620	32.320	15
25.4:	32.551	.0793	32.683	32.433	15
25.6:	32.652	.0756	32.788	32.567	15
25.8:	32.846	.0830	32.959	32.682	15
26.0:	33.076	.0847	33.270	32.935	15
26.2:	33.319	.0869	33.572	33.194	15
26.4:	33.557	.0803	33.790	33.443	15
26.6:	33.770	.0576	33.909	33.676	15
26.8:	33.869	.0318	33.916	33.822	14
27.0:	34.014	.0150	34.032	33.986	11
27.2:	34.198	.0101	34.217	34.187	11
27.4:	34.377	.0102	34.392	34.358	11
27.6:	34.555	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	18	----- N/A -----			1
24.8:	20	5.1	25	10	9
25.0:	27	6.7	37	14	13
25.2:	38	9.1	50	16	15
25.4:	57	12.6	81	36	15
25.6:	80	14.6	101	47	15
25.8:	100	11.2	117	79	15
26.0:	114	11.9	133	95	15
26.2:	129	9.7	144	111	15
26.4:	146	11.8	163	120	15
26.6:	181	31.2	283	149	15
26.8:	266	21.7	313	232	14
27.0:	422	24.5	459	391	11
27.2:	652	29.4	714	620	11
27.4:	993	43.0	1070	942	11
27.6:	1409	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	335.0	----- N/A -----			1
24.8:	316.1	.11	316.2	315.9	9
25.0:	297.1	.12	297.3	296.9	13
25.2:	278.3	.16	278.5	277.9	15
25.4:	259.4	.19	259.8	259.1	15
25.6:	240.6	.22	240.9	240.1	15
25.8:	221.8	.15	222.0	221.5	15
26.0:	203.0	.16	203.2	202.6	15
26.2:	184.2	.19	184.6	183.8	15
26.4:	165.5	.28	166.2	165.0	15
26.6:	146.9	.57	148.8	146.4	15
26.8:	128.5	.28	129.1	128.1	14
27.0:	110.5	.25	110.9	110.0	11
27.2:	93.0	.23	93.3	92.6	11
27.4:	75.6	.25	75.9	75.1	11
27.6:	57.5	----- N/A -----			1

JUNE

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	10.95	----- N/A -----			1
24.8:	11.07	.660	11.76	9.84	9
25.0:	9.93	.489	10.54	8.84	13
25.2:	8.85	.477	9.49	7.93	15
25.4:	7.76	.411	8.44	7.15	15
25.6:	6.91	.427	7.67	6.43	15
25.8:	6.53	.496	7.14	5.54	15
26.0:	6.40	.523	7.57	5.46	15
26.2:	6.32	.526	7.82	5.52	15
26.4:	6.23	.483	7.61	5.51	15
26.6:	6.00	.356	6.84	5.40	15
26.8:	4.99	.218	5.30	4.66	14
27.0:	4.20	.114	4.32	3.99	11
27.2:	3.65	.079	3.80	3.57	11
27.4:	3.03	.092	3.16	2.86	11
27.6:	2.34	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	333.0	----- N/A -----			1
24.8:	315.1	1.02	315.6	312.5	9
25.0:	296.0	.82	296.6	294.4	13
25.2:	276.6	.80	277.5	274.7	15
25.4:	257.6	.84	258.5	255.1	15
25.6:	239.0	.52	239.5	237.9	15
25.8:	219.8	.58	220.5	218.8	15
26.0:	201.0	.40	201.5	200.5	15
26.2:	181.9	.33	182.4	181.4	15
26.4:	163.1	.20	163.4	162.8	15
26.6:	144.3	.10	144.5	144.2	15
26.8:	125.3	.08	125.4	125.1	14
27.0:	106.2	.15	106.4	105.9	11
27.2:	87.2	.06	87.3	87.1	11
27.4:	68.1	.06	68.2	68.0	11
27.6:	48.9	----- N/A -----			1

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	.65	----- N/A -----			1
24.8:	.67	.169	.82	.32	9
25.0:	.86	.212	1.15	.43	13
25.2:	1.18	.284	1.53	.45	15
25.4:	1.70	.362	2.38	1.07	15
25.6:	2.29	.413	2.80	1.31	15
25.8:	2.73	.290	3.17	2.23	15
26.0:	3.04	.285	3.48	2.56	15
26.2:	3.32	.243	3.68	2.81	15
26.4:	3.62	.260	4.01	2.98	15
26.6:	4.17	.510	5.67	3.42	15
26.8:	5.32	.397	6.20	4.74	14
27.0:	7.26	.422	7.98	6.75	11
27.2:	9.59	.432	10.29	9.09	11
27.4:	12.46	.529	13.29	11.74	11
27.6:	15.08	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	.06	----- N/A -----			1
24.8:	.07	.031	.10	.02	9
25.0:	.13	.055	.22	.07	13
25.2:	.24	.094	.38	.08	15
25.4:	.51	.208	.94	.20	15
25.6:	.93	.311	1.40	.30	15
25.8:	1.34	.284	1.78	.83	15
26.0:	1.67	.329	2.17	1.12	15
26.2:	2.02	.297	2.45	1.47	15
26.4:	2.45	.347	2.89	1.68	15
26.6:	3.44	1.094	7.02	2.28	15
26.8:	6.02	.925	8.13	4.65	14
27.0:	12.73	1.450	15.16	10.98	11
27.2:	25.56	2.299	30.05	23.04	11
27.4:	49.75	4.277	57.42	44.61	11
27.6:	82.89	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:		----- N/A -----			0
24.8:	11.762	.2148	11.987	11.418	8
25.0:	11.516	.2856	11.953	11.143	10
25.2:	11.156	.2625	11.510	10.767	11
25.4:	10.617	.2512	11.049	10.374	11
25.6:	10.040	.2638	10.798	9.838	11
25.8:	9.613	.1403	9.811	9.375	11
26.0:	9.315	.2140	9.586	8.865	11
26.2:	9.037	.1715	9.277	8.661	11
26.4:	8.758	.1715	8.983	8.415	11
26.6:	8.295	.2122	8.574	7.936	11
26.8:	7.033	.2604	7.439	6.594	11
27.0:	5.181	.1990	5.446	4.815	11
27.2:	2.849	.2217	3.126	2.392	11
27.4:	-.023	.3292	.362	-.610	11
27.6:	-2.778	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:		----- N/A -----			0
24.8:	12.409	.1954	12.748	12.20[illegible]	8
25.0:	12.419	.2329	12.728	12.15[illegible]	10
25.2:	12.326	.2394	12.668	12.07[illegible]	11
25.4:	12.229	.2305	12.557	12.00[illegible]	11
25.6:	12.088	.2118	12.376	11.868	11
25.8:	11.912	.1921	12.174	11.699	11
26.0:	11.702	.1805	11.952	11.50[illegible]	11
26.2:	11.468	.1704	11.704	11.27[illegible]	11
26.4:	11.208	.1617	11.428	11.02[illegible]	11
26.6:	10.909	.1554	11.119	10.72[illegible]	11
26.8:	10.514	.1375	10.702	10.33[illegible]	11
27.0:	9.892	.1137	10.076	9.71[illegible]	11
27.2:	8.967	.0776	9.114	8.84[illegible]	11
27.4:	7.553	.0261	7.592	7.507	11
27.6:	5.413	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	1491	----- N/A -----			1
24.8:	1491	2.5	1494	1487	9
25.0:	1487	1.9	1490	1483	13
25.2:	1483	2.0	1486	1480	15
25.4:	1479	1.8	1483	1477	15
25.6:	1476	2.0	1480	1475	15
25.8:	1476	2.0	1478	1472	15
26.0:	1476	2.3	1481	1472	15
26.2:	1476	2.2	1482	1473	15
26.4:	1476	2.2	1483	1474	15
26.6:	1476	1.9	1482	1474	15
26.8:	1473	1.1	1476	1472	14
27.0:	1473	.7	1474	1472	11
27.2:	1475	.5	1476	1475	11
27.4:	1478	.5	1479	1478	11
27.6:	1483	----- N/A -----			1

JULY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	14.78	.361	15.04	14.53	2
24.2:	13.97	.530	14.35	13.60	2
24.4:	12.54	.646	13.41	12.04	4
24.6:	11.75	.561	12.35	10.91	6
24.8:	10.86	.550	11.48	9.87	7
25.0:	9.99	.517	10.49	8.86	8
25.2:	8.91	.463	9.34	7.98	8
25.4:	7.80	.388	8.23	7.22	8
25.6:	6.91	.389	7.43	6.49	8
25.8:	6.59	.431	7.14	5.97	8
26.0:	6.52	.531	7.65	5.96	8
26.2:	6.50	.626	7.88	5.88	8
26.4:	6.45	.555	7.59	5.79	8
26.6:	6.16	.420	6.87	5.48	8
26.8:	5.16	.250	5.61	4.72	8
27.0:	4.37	.229	4.70	4.07	6
27.2:	3.76	.203	4.07	3.51	5
27.4:	3.08	.150	3.23	2.84	5
27.6:	2.25	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	32.350	.0990	32.420	32.280	2
24.2:	32.390	.1414	32.490	32.290	2
24.4:	32.282	.1610	32.500	32.159	4
24.6:	32.407	.1580	32.555	32.183	6
24.8:	32.436	.1277	32.557	32.196	7
25.0:	32.490	.0989	32.576	32.279	8
25.2:	32.523	.0721	32.595	32.374	8
25.4:	32.565	.0669	32.652	32.455	8
25.6:	32.650	.0659	32.741	32.566	8
25.8:	32.855	.0735	32.948	32.752	8
26.0:	33.097	.0910	33.290	33.002	8
26.2:	33.347	.1063	33.585	33.250	8
26.4:	33.590	.0937	33.785	33.480	8
26.6:	33.792	.0677	33.910	33.686	8
26.8:	33.892	.0365	33.959	33.830	8
27.0:	34.034	.0306	34.078	33.994	6
27.2:	34.206	.0251	34.244	34.175	5
27.4:	34.374	.0173	34.393	34.347	5
27.6:	34.538	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	10	1.4	11	9	2
24.2:	18	3.5	21	16	2
24.4:	19	8.2	29	9	4
24.6:	20	13.0	35	4	6
24.8:	27	10.1	40	9	7
25.0:	35	8.1	46	22	8
25.2:	46	5.6	55	38	8
25.4:	61	10.0	72	46	8
25.6:	83	12.8	103	65	8
25.8:	102	7.6	113	92	8
26.0:	117	5.1	124	110	8
26.2:	132	7.0	140	121	8
26.4:	149	11.1	168	136	8
26.6:	184	29.6	249	155	8
26.8:	281	47.4	382	236	8
27.0:	437	61.5	553	396	6
27.2:	677	54.3	768	632	5
27.4:	1009	56.4	1089	955	5
27.6:	1622	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	392.2	.02	392.2	392.2	2
24.2:	373.3	.07	373.4	373.3	2
24.4:	354.2	.21	354.5	354.0	4
24.6:	335.1	.27	335.4	334.8	6
24.8:	316.2	.15	316.3	315.9	7
25.0:	297.2	.12	297.4	297.1	8
25.2:	278.4	.20	278.6	278.1	8
25.4:	259.5	.20	259.7	259.2	8
25.6:	240.7	.23	241.0	240.4	8
25.8:	221.8	.10	222.0	221.7	8
26.0:	203.0	.14	203.3	202.9	8
26.2:	184.3	.23	184.8	184.1	8
26.4:	165.6	.33	166.3	165.3	8
26.6:	147.0	.55	148.3	146.6	8
26.8:	128.8	.65	130.2	128.2	8
27.0:	110.8	.77	112.3	110.3	6
27.2:	93.3	.77	94.6	92.7	5
27.4:	75.6	.54	76.5	75.2	5
27.6:	58.0	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	14.78	.361	15.04	14.53	2
24.2:	13.97	.530	14.35	13.60	2
24.4:	12.54	.641	13.40	12.04	4
24.6:	11.75	.561	12.35	10.91	6
24.8:	10.86	.551	11.48	9.87	7
25.0:	9.99	.516	10.49	8.86	8
25.2:	8.90	.461	9.33	7.98	8
25.4:	7.80	.385	8.22	7.22	8
25.6:	6.90	.389	7.42	6.43	8
25.8:	6.58	.431	7.13	5.96	8
26.0:	6.51	.531	7.64	5.95	8
26.2:	6.49	.626	7.87	5.87	8
26.4:	6.41	.552	7.57	5.78	8
26.6:	6.14	.418	6.85	5.47	8
26.8:	5.14	.245	5.57	4.70	8
27.0:	4.34	.226	4.66	4.09	6
27.2:	3.71	.196	4.01	3.47	5
27.4:	3.01	.148	3.15	2.77	5
27.6:	2.14	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	391.8	.07	391.9	391.8	2
24.2:	372.8	.03	372.8	372.8	2
24.4:	353.7	.05	353.7	353.6	4
24.6:	330.4	3.61	333.7	323.5	6
24.8:	313.1	1.90	315.4	310.1	7
25.0:	294.9	1.53	296.5	292.7	8
25.2:	275.9	1.52	277.4	273.4	8
25.4:	257.1	.82	258.5	256.0	8
25.6:	239.0	.33	239.5	238.7	8
25.8:	219.7	.47	220.3	218.9	8
26.0:	200.8	.45	201.4	200.2	8
26.2:	181.9	.25	182.4	181.6	8
26.4:	163.1	.19	163.4	162.8	8
26.6:	144.3	.07	144.4	144.2	8
26.8:	125.2	.11	125.4	125.1	8
27.0:	106.2	.13	106.4	106.1	6
27.2:	87.1	.05	87.2	87.1	5
27.4:	68.0	.13	68.1	67.8	5
27.6:	48.6	----- N/A -----			1

JULY

DELTA U

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	.39	.057	.43	.35	2
24.2:	.73	.141	.83	.63	2
24.4:	.73	.320	1.10	.32	4
24.6:	.74	.491	1.31	.15	6
24.8:	.98	.389	1.49	.30	7
25.0:	1.19	.317	1.66	.71	8
25.2:	1.53	.218	1.86	1.21	8
25.4:	1.91	.331	2.34	1.42	8
25.6:	2.47	.408	3.13	1.89	8
25.8:	2.92	.273	3.36	2.55	8
26.0:	3.24	.191	3.56	2.96	8
26.2:	3.53	.167	3.78	3.18	8
26.4:	3.84	.203	4.11	3.43	8
26.6:	4.37	.471	5.39	3.72	8
26.8:	5.70	.745	7.23	4.83	8
27.0:	7.60	.965	9.33	6.76	6
27.2:	10.11	.930	11.57	9.16	5
27.4:	12.92	.891	14.30	12.00	5
27.6:	16.71	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	.02	.000	.02	.02	2
24.2:	.07	.028	.09	.05	2
24.4:	.08	.061	.16	.01	4
24.6:	.10	.093	.23	.00	6
24.8:	.15	.095	.30	.01	7
25.0:	.22	.099	.37	.08	8
25.2:	.35	.088	.47	.23	8
25.4:	.58	.177	.79	.32	8
25.6:	.99	.312	1.50	.59	8
25.8:	1.41	.223	1.75	1.12	8
26.0:	1.77	.164	2.00	1.55	8
26.2:	2.14	.180	2.35	1.81	8
26.4:	2.59	.300	3.06	2.14	8
26.6:	3.56	.983	5.78	2.58	8
26.8:	6.81	2.227	11.75	4.79	8
27.0:	13.83	4.169	21.80	11.05	6
27.2:	27.90	5.337	36.92	23.66	5
27.4:	52.16	6.776	63.02	46.55	5
27.6:	104.79	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	12.401	.2171	12.555	12.248	2
24.2:	12.064	.4101	12.354	11.774	2
24.4:	12.204	.7006	12.699	11.498	3
24.6:	12.067	.6392	12.752	11.295	4
24.8:	11.724	.6318	12.609	11.113	4
25.0:	11.436	.5861	12.435	10.948	5
25.2:	11.163	.6513	12.256	10.721	5
25.4:	10.758	.7557	12.091	10.339	5
25.6:	10.151	.6789	11.345	9.654	5
25.8:	9.801	.6623	10.978	9.434	5
26.0:	9.538	.5761	10.557	9.201	5
26.2:	9.268	.4595	10.076	8.984	5
26.4:	8.956	.3244	9.516	8.731	5
26.6:	8.407	.1497	8.631	8.246	5
26.8:	6.967	.4177	7.393	6.400	5
27.0:	5.049	.4704	5.423	4.302	5
27.2:	2.681	.3763	3.003	2.065	5
27.4:	-.129	.4009	.265	-.668	5
27.6:	-4.165	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	12.790	.2680	12.980	12.601	2
24.2:	12.762	.2694	12.953	12.572	2
24.4:	13.020	.5536	13.616	12.522	3
24.6:	12.862	.5065	13.574	12.460	4
24.8:	12.607	.5081	13.523	12.389	4
25.0:	12.614	.5234	13.463	12.126	5
25.2:	12.530	.5276	13.391	12.051	5
25.4:	12.423	.5389	13.308	11.946	5
25.6:	12.277	.5485	13.194	11.818	5
25.8:	12.095	.5551	13.035	11.654	5
26.0:	11.889	.5622	12.847	11.454	5
26.2:	11.660	.5601	12.619	11.235	5
26.4:	11.404	.5423	12.334	10.993	5
26.6:	11.103	.5056	11.970	10.722	5
26.8:	10.694	.4239	11.418	10.378	5
27.0:	10.042	.3007	10.563	9.825	5
27.2:	9.055	.1903	9.388	8.919	5
27.4:	7.577	.0955	7.744	7.517	5
27.6:	5.357	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:		----- N/A -----			0
24.2:		----- N/A -----			0
24.4:		----- N/A -----			0
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:	6.77	----- N/A -----			1
25.2:	6.74	----- N/A -----			1
25.4:	6.65	----- N/A -----			1
25.6:	6.57	----- N/A -----			1
25.8:	6.88	----- N/A -----			1
26.0:	5.96	----- N/A -----			1
26.2:	5.04	----- N/A -----			1
26.4:	4.49	----- N/A -----			1
26.6:	4.16	----- N/A -----			1
26.8:	3.23	----- N/A -----			1
27.0:	1.34	----- N/A -----			1
27.2:	.61	----- N/A -----			1
27.4:	.37	----- N/A -----			1
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	1504	1.4	1505	1503	2
24.2:	1501	2.1	1503	1500	2
24.4:	1496	2.9	1500	1494	4
24.6:	1493	2.3	1496	1490	6
24.8:	1490	2.1	1493	1487	7
25.0:	1487	2.0	1489	1483	8
25.2:	1483	2.0	1486	1480	8
25.4:	1480	1.9	1482	1477	8
25.6:	1476	1.6	1479	1475	8
25.8:	1476	1.8	1478	1474	8
26.0:	1476	2.2	1481	1474	8
26.2:	1477	2.6	1483	1475	6
26.4:	1477	2.6	1483	1475	8
26.6:	1477	2.0	1481	1474	8
26.8:	1474	1.5	1478	1473	8
27.0:	1474	1.9	1478	1473	6
27.2:	1476	1.9	1479	1474	5
27.4:	1478	1.3	1481	1478	5
27.6:	1486	----- N/A -----			1

AUGUST

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	15.98	----- N/A -----			1
23.8:	15.51	.035	15.54	15.49	2
24.0:	14.90	.249	15.21	14.43	8
24.2:	14.14	.459	14.87	12.86	16
24.4:	13.12	.477	13.71	11.89	17
24.6:	12.11	.469	12.71	10.78	17
24.8:	11.08	.451	11.64	9.81	17
25.0:	10.06	.461	10.58	8.95	17
25.2:	9.01	.404	9.49	8.12	17
25.4:	7.95	.408	8.46	7.04	17
25.6:	7.08	.403	7.72	6.45	17
25.8:	6.56	.491	7.17	5.56	17
26.0:	6.40	.439	6.95	5.32	17
26.2:	6.31	.388	6.90	5.43	17
26.4:	6.26	.353	6.77	5.53	17
26.6:	6.02	.333	6.55	5.47	17
26.8:	4.98	.264	5.39	4.56	17
27.0:	4.25	.153	4.56	4.01	14
27.2:	3.74	.121	3.95	3.56	14
27.4:	3.11	.099	3.29	2.89	14
27.6:	2.27	.145	2.44	2.12	4

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	32.169	----- N/A -----			1
23.8:	32.355	.0064	32.360	32.350	2
24.0:	32.406	.0678	32.484	32.257	8
24.2:	32.456	.1177	32.580	32.100	16
24.4:	32.455	.1224	32.580	32.147	17
24.6:	32.477	.1083	32.580	32.206	17
24.8:	32.499	.0941	32.586	32.259	17
25.0:	32.522	.0893	32.608	32.305	17
25.2:	32.546	.0896	32.636	32.349	17
25.4:	32.589	.0757	32.676	32.423	17
25.6:	32.681	.0729	32.802	32.568	17
25.8:	32.846	.0821	32.946	32.683	17
26.0:	33.077	.0728	33.170	32.900	17
26.2:	33.313	.0616	33.407	33.161	17
26.4:	33.558	.0568	33.640	33.439	17
26.6:	33.771	.0526	33.856	33.685	17
26.8:	33.866	.0383	33.926	33.806	17
27.0:	34.018	.0203	34.059	33.984	14
27.2:	34.203	.0153	34.229	34.180	14
27.4:	34.377	.0111	34.398	34.357	14
27.6:	34.538	.0128	34.554	34.525	4

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	10	----- N/A -----			1
23.8:	13	1.4	14	12	2
24.0:	15	3.4	21	11	8
24.2:	21	8.5	42	6	16
24.4:	27	9.9	53	10	17
24.6:	31	10.4	59	15	17
24.8:	37	10.5	64	26	17
25.0:	42	11.5	70	28	17
25.2:	50	11.9	80	33	17
25.4:	64	14.6	97	43	17
25.6:	83	14.7	113	53	17
25.8:	106	10.2	126	91	17
26.0:	121	9.5	136	109	17
26.2:	134	9.1	150	122	17
26.4:	150	8.8	166	137	17
26.6:	179	13.1	203	155	17
26.8:	273	26.0	327	231	17
27.0:	431	32.1	481	377	14
27.2:	654	34.4	742	612	14
27.4:	992	55.3	1144	945	14
27.6:	1574	160.3	1753	1402	4

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	430.4	----- N/A -----			1
23.8:	411.2	.14	411.3	411.1	2
24.0:	392.3	.15	392.5	392.0	8
24.2:	373.3	.25	374.0	373.0	16
24.4:	354.4	.23	355.0	354.0	17
24.6:	335.3	.20	335.8	335.0	17
24.8:	316.3	.21	316.7	316.0	17
25.0:	297.3	.21	297.9	297.1	17
25.2:	278.4	.21	279.0	278.1	17
25.4:	259.5	.26	260.1	259.1	17
25.6:	240.7	.21	241.2	240.3	17
25.8:	221.9	.19	222.3	221.5	17
26.0:	203.0	.14	203.3	202.8	17
26.2:	184.3	.17	184.5	183.9	17
26.4:	165.5	.19	165.8	165.2	17
26.6:	146.9	.24	147.3	146.5	17
26.8:	128.5	.33	129.2	128.0	17
27.0:	110.6	.37	111.1	109.9	14
27.2:	93.0	.28	93.4	92.5	14
27.4:	75.5	.27	75.9	75.1	14
27.6:	57.7	.38	58.1	57.4	4

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	15.98	----- N/A -----			1
23.8:	15.51	.035	15.54	15.49	2
24.0:	14.89	.248	15.21	14.43	8
24.2:	14.14	.460	14.87	12.86	16
24.4:	13.12	.477	13.71	11.89	17
24.6:	12.11	.469	12.71	10.78	17
24.8:	11.08	.449	11.64	9.81	17
25.0:	10.05	.461	10.58	8.95	17
25.2:	9.01	.405	9.49	8.12	17
25.4:	7.94	.406	8.45	7.04	17
25.6:	7.07	.404	7.72	6.44	17
25.8:	6.55	.491	7.16	5.55	17
26.0:	6.39	.438	6.94	5.31	17
26.2:	6.30	.387	6.89	5.42	17
26.4:	6.25	.353	6.76	5.51	17
26.6:	6.01	.332	6.54	5.46	17
26.8:	4.96	.264	5.37	4.54	17
27.0:	4.22	.149	4.52	3.98	14
27.2:	3.70	.120	3.90	3.51	14
27.4:	3.04	.101	3.22	2.81	14
27.6:	2.14	.154	2.34	2.00	4

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	429.9	----- N/A -----			1
23.8:	406.5	1.27	407.4	405.6	2
24.0:	390.0	2.54	391.8	384.1	8
24.2:	371.3	2.27	376.7	366.3	16
24.4:	351.6	1.86	353.7	347.4	17
24.6:	331.6	2.40	334.7	327.6	17
24.8:	312.0	2.36	315.6	308.4	17
25.0:	293.5	1.45	296.1	291.0	17
25.2:	275.7	1.67	277.5	272.2	17
25.4:	257.2	.87	258.5	254.7	17
25.6:	238.9	.50	239.5	237.9	17
25.8:	220.1	.34	220.5	219.4	17
26.0:	200.7	.40	201.5	200.2	17
26.2:	182.0	.34	182.4	181.3	17
26.4:	163.2	.23	163.4	162.7	17
26.6:	144.3	.07	144.4	144.2	17
26.8:	125.2	.14	125.4	124.8	17
27.0:	106.2	.09	106.4	106.1	14
27.2:	87.2	.06	87.3	87.1	14
27.4:	68.1	.08	68.2	67.9	14
27.6:	48.8	.24	49.0	48.5	4

AUGUST

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.42	----- N/A -----			1
23.8:	.56	.078	.62	.51	2
24.0:	.62	.138	.85	.46	8
24.2:	.85	.334	1.64	.23	16
24.4:	1.05	.379	2.02	.37	17
24.6:	1.22	.392	2.22	.56	17
24.8:	1.38	.400	2.40	.90	17
25.0:	1.56	.422	2.58	1.05	17
25.2:	1.78	.438	2.87	1.17	17
25.4:	2.15	.506	3.34	1.43	17
25.6:	2.63	.495	3.74	1.65	17
25.8:	3.16	.345	4.05	2.51	17
26.0:	3.49	.283	4.25	3.10	17
26.2:	3.74	.272	4.43	3.35	17
26.4:	4.01	.275	4.66	3.59	17
26.6:	4.47	.301	5.07	3.92	17
26.8:	5.76	.466	6.78	4.92	17
27.0:	7.68	.539	8.50	6.68	14
27.2:	9.96	.519	10.93	9.17	14
27.4:	12.82	.645	14.36	11.85	14
27.6:	16.87	.967	18.05	15.79	4

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.02	----- N/A -----			1
23.8:	.04	.014	.05	.03	2
24.0:	.05	.023	.09	.03	8
24.2:	.11	.086	.36	.01	16
24.4:	.16	.122	.54	.02	17
24.6:	.21	.146	.66	.04	17
24.8:	.27	.169	.77	.12	17
25.0:	.35	.198	.89	.15	17
25.2:	.46	.237	1.12	.18	17
25.4:	.69	.322	1.54	.29	17
25.6:	1.04	.382	1.98	.41	17
25.8:	1.55	.322	2.36	1.04	17
26.0:	1.93	.299	2.62	1.60	17
26.2:	2.26	.309	2.88	1.90	17
26.4:	2.66	.324	3.24	2.23	17
26.6:	3.44	.448	4.34	2.74	17
26.8:	6.46	1.118	8.99	4.80	17
27.0:	13.35	1.939	16.19	10.24	14
27.2:	26.03	2.831	32.89	22.49	14
27.4:	50.18	5.770	65.98	44.82	14
27.6:	101.59	17.725	122.98	83.98	4

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.341	----- N/A -----			1
23.8:	12.138	----- N/A -----			1
24.0:	12.283	.3109	12.739	11.948	6
24.2:	11.887	.2922	12.341	11.530	13
24.4:	11.709	.3493	12.222	11.232	14
24.6:	11.536	.3733	12.045	11.033	14
24.8:	11.360	.3988	11.911	10.828	14
25.0:	11.176	.4161	11.745	10.493	14
25.2:	10.956	.4218	11.526	10.253	14
25.4:	10.572	.3933	11.323	9.913	14
25.6:	10.093	.3211	10.660	9.509	14
25.8:	9.639	.2312	10.027	9.197	14
26.0:	9.334	.2412	9.726	8.954	14
26.2:	9.075	.2062	9.438	8.743	14
26.4:	8.789	.1804	9.181	8.555	14
26.6:	8.342	.1378	8.681	8.151	14
26.8:	7.030	.2248	7.361	6.487	14
27.0:	5.120	.2506	5.582	4.745	14
27.2:	2.838	.2543	3.157	2.190	14
27.4:	-.022	.4373	.344	-1.240	14
27.6:	-3.874	1.0838	-2.757	-5.126	4

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.759	----- N/A -----			1
23.8:	12.735	----- N/A -----			1
24.0:	12.917	.2014	13.261	12.763	6
24.2:	12.736	.3066	13.224	12.183	13
24.4:	12.714	.3020	13.172	12.168	14
24.6:	12.656	.2929	13.109	12.146	14
24.8:	12.587	.2874	13.036	12.104	14
25.0:	12.508	.2841	12.954	12.049	14
25.2:	12.417	.2811	12.864	11.982	14
25.4:	12.306	.2764	12.727	11.904	14
25.6:	12.165	.2649	12.562	11.797	14
25.8:	11.983	.2510	12.370	11.607	14
26.0:	11.770	.2432	12.155	11.398	14
26.2:	11.533	.2360	11.917	11.174	14
26.4:	11.268	.2274	11.649	10.927	14
26.6:	10.967	.2169	11.358	10.656	14
26.8:	10.569	.1863	10.936	10.308	14
27.0:	9.934	.1406	10.238	9.756	14
27.2:	8.983	.0864	9.187	8.866	14
27.4:	7.547	.0241	7.592	7.510	14
27.6:	5.320	.0985	5.394	5.179	4

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:		----- N/A -----			0
23.8:		----- N/A -----			0
24.0:		----- N/A -----			0
24.2:	6.23	----- N/A -----			1
24.4:	6.38	----- N/A -----			1
24.6:	6.51	----- N/A -----			1
24.8:	6.63	----- N/A -----			1
25.0:	6.72	----- N/A -----			1
25.2:	6.74	----- N/A -----			1
25.4:	6.76	----- N/A -----			1
25.6:	6.71	----- N/A -----			1
25.8:	5.78	----- N/A -----			1
26.0:	5.55	----- N/A -----			1
26.2:	5.20	----- N/A -----			1
26.4:	4.76	----- N/A -----			1
26.6:	3.93	----- N/A -----			1
26.8:	2.81	----- N/A -----			1
27.0:	1.21	----- N/A -----			1
27.2:	.59	----- N/A -----			1
27.4:	.45	----- N/A -----			1
27.6:	1.15	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	1507	----- N/A -----			1
23.8:	1506	.0	1506	1506	2
24.0:	1503	1.0	1505	1502	8
24.2:	1501	1.7	1504	1497	16
24.4:	1498	1.7	1500	1494	17
24.6:	1495	1.7	1497	1490	17
24.8:	1491	1.7	1494	1487	17
25.0:	1488	1.7	1490	1484	17
25.2:	1484	1.6	1486	1481	17
25.4:	1480	1.7	1483	1477	17
25.6:	1477	1.7	1480	1475	17
25.8:	1476	2.1	1479	1472	17
26.0:	1476	1.8	1479	1472	17
26.2:	1476	1.5	1479	1473	17
26.4:	1476	1.6	1479	1473	17
26.6:	1476	1.5	1479	1474	17
26.8:	1473	1.3	1476	1472	17
27.0:	1473	.9	1475	1472	14
27.2:	1475	.8	1476	1474	14
27.4:	1478	.8	1480	1478	14
27.6:	1485	1.8	1487	1483	4

SEPTEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.79	----- N/A -----			1
23.8:	15.61	.458	16.03	15.07	5
24.0:	14.96	.435	15.54	14.03	11
24.2:	14.09	.525	14.48	13.06	13
24.4:	13.14	.483	13.85	12.16	15
24.6:	12.22	.485	12.93	11.33	16
24.8:	11.15	.420	11.87	10.41	16
25.0:	10.14	.423	11.11	9.49	16
25.2:	9.20	.466	10.41	8.56	16
25.4:	8.15	.456	9.11	7.48	16
25.6:	7.27	.434	7.96	6.34	16
25.8:	6.74	.495	7.42	5.64	16
26.0:	6.50	.424	7.22	5.50	16
26.2:	6.35	.343	7.03	5.52	16
26.4:	6.28	.323	6.86	5.49	16
26.6:	6.10	.304	6.70	5.43	16
26.8:	5.12	.266	5.67	4.68	16
27.0:	4.23	.207	4.65	3.98	13
27.2:	3.73	.123	3.95	3.49	13
27.4:	3.09	.092	3.22	2.87	13
27.6:	2.27	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	32.434	----- N/A -----			1
23.8:	32.326	.1346	32.453	32.167	5
24.0:	32.428	.0968	32.562	32.240	11
24.2:	32.462	.1001	32.608	32.308	13
24.4:	32.485	.0961	32.661	32.359	15
24.6:	32.518	.0990	32.710	32.393	16
24.8:	32.543	.0982	32.754	32.427	16
25.0:	32.568	.0970	32.794	32.459	16
25.2:	32.591	.0974	32.831	32.466	16
25.4:	32.626	.0889	32.813	32.497	16
25.6:	32.715	.0750	32.840	32.551	16
25.8:	32.877	.0809	32.990	32.704	16
26.0:	33.091	.0704	33.215	32.929	16
26.2:	33.319	.0556	33.433	33.187	16
26.4:	33.558	.0519	33.653	33.438	16
26.6:	33.783	.0486	33.881	33.677	16
26.8:	33.886	.0391	33.968	33.821	16
27.0:	34.014	.0289	34.074	33.980	13
27.2:	34.201	.0161	34.230	34.170	13
27.4:	34.376	.0104	34.390	34.351	13
27.6:	34.538	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	13	----- N/A -----			1
23.8:	20	7.7	30	12	5
24.0:	25	6.1	33	13	11
24.2:	26	10.0	39	0	13
24.4:	30	6.9	46	18	15
24.6:	34	7.2	51	20	16
24.8:	38	7.7	57	22	16
25.0:	42	8.1	62	25	16
25.2:	48	8.7	67	34	16
25.4:	62	12.7	87	43	16
25.6:	84	14.2	107	65	16
25.8:	104	9.6	121	89	16
26.0:	119	6.9	134	113	16
26.2:	134	6.7	148	124	16
26.4:	153	9.5	173	137	16
26.6:	185	12.9	217	167	16
26.8:	278	18.8	300	237	16
27.0:	439	22.9	482	396	13
27.2:	662	26.6	718	622	13
27.4:	1003	41.5	1100	949	13
27.6:	1566	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	430.4	----- N/A -----			1
23.8:	411.5	.21	411.8	411.3	5
24.0:	392.5	.19	392.7	392.2	11
24.2:	373.3	.27	373.7	372.8	13
24.4:	354.3	.25	354.8	353.7	15
24.6:	335.3	.26	335.8	334.6	16
24.8:	316.2	.24	316.6	315.7	16
25.0:	297.2	.18	297.6	296.9	16
25.2:	278.4	.18	278.7	278.1	16
25.4:	259.5	.22	260.0	259.2	16
25.6:	240.7	.19	241.0	240.4	16
25.8:	221.9	.18	222.2	221.5	16
26.0:	203.1	.14	203.3	202.8	16
26.2:	184.3	.11	184.5	184.1	16
26.4:	165.6	.17	165.9	165.3	16
26.6:	147.0	.22	147.5	146.6	16
26.8:	128.7	.26	129.2	128.1	16
27.0:	110.7	.29	111.1	110.1	13
27.2:	93.1	.23	93.5	92.7	13
27.4:	75.6	.17	75.8	75.3	13
27.6:	57.8	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.79	---- N/A ----			1
23.8:	15.60	.456	16.03	15.06	5
24.0:	14.96	.435	15.53	14.02	11
24.2:	14.09	.525	14.88	13.05	13
24.4:	13.14	.483	13.85	12.16	15
24.6:	12.21	.487	12.93	11.32	16
24.8:	11.15	.419	11.86	10.41	16
25.0:	10.14	.420	11.10	9.49	16
25.2:	9.20	.465	10.40	8.56	16
25.4:	8.15	.457	9.10	7.47	16
25.6:	7.27	.433	7.95	6.33	16
25.8:	6.74	.495	7.41	5.63	16
26.0:	6.49	.424	7.21	5.49	16
26.2:	6.34	.342	7.01	5.51	16
26.4:	6.26	.322	6.84	5.47	16
26.6:	6.09	.305	6.69	5.41	16
26.8:	5.10	.267	5.65	4.65	16
27.0:	4.19	.206	4.61	3.95	13
27.2:	3.68	.124	3.91	3.44	13
27.4:	3.02	.093	3.15	2.80	13
27.6:	2.16	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	428.2	---- N/A ----			1
23.8:	410.6	.28	410.9	410.3	5
24.0:	389.8	2.63	393.4	384.8	11
24.2:	369.8	4.87	381.3	361.2	13
24.4:	349.9	4.32	353.7	340.1	15
24.6:	330.4	4.42	334.7	321.3	16
24.8:	310.0	3.51	315.6	304.1	16
25.0:	291.5	2.56	296.6	288.0	16
25.2:	275.2	1.69	277.5	271.1	16
25.4:	257.4	.54	258.1	256.0	16
25.6:	238.9	.58	239.5	237.0	16
25.8:	220.1	.35	220.4	219.2	16
26.0:	200.9	.39	201.4	200.1	16
26.2:	182.1	.17	182.4	181.8	16
26.4:	163.3	.18	163.4	162.9	16
26.6:	144.3	.07	144.4	144.2	16
26.8:	125.3	.06	125.4	125.2	16
27.0:	106.2	.14	106.4	106.0	13
27.2:	87.2	.06	87.3	87.1	13
27.4:	68.1	.06	68.2	68.0	13
27.6:	48.8	----- N/A -----			1

SEPTEMBER

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.57	----- N/A -----			1
23.8:	.88	.308	1.26	.51	5
24.0:	1.07	.256	1.37	.53	11
24.2:	1.07	.415	1.61	.00	13
24.4:	1.22	.285	1.83	.72	15
24.6:	1.33	.303	2.04	.77	16
24.8:	1.46	.311	2.21	.84	16
25.0:	1.61	.328	2.38	.95	16
25.2:	1.78	.338	2.53	1.21	16
25.4:	2.15	.419	2.79	1.47	16
25.6:	2.69	.434	3.38	2.02	16
25.8:	3.15	.314	3.64	2.74	16
26.0:	3.50	.255	3.94	3.10	16
26.2:	3.79	.233	4.20	3.38	16
26.4:	4.10	.268	4.64	3.61	16
26.6:	4.61	.300	5.32	4.07	16
26.8:	5.89	.338	6.44	5.23	16
27.0:	7.79	.333	8.31	7.11	13
27.2:	10.06	.371	10.56	9.40	13
27.4:	12.95	.452	13.77	12.14	13
27.6:	17.02	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.04	----- N/A -----			1
23.8:	.10	.067	.19	.03	5
24.0:	.15	.063	.23	.04	11
24.2:	.16	.090	.32	.00	13
24.4:	.20	.091	.42	.07	15
24.6:	.24	.107	.52	.08	16
24.8:	.29	.121	.62	.09	16
25.0:	.35	.138	.72	.12	16
25.2:	.43	.162	.82	.20	16
25.4:	.65	.251	1.14	.30	16
25.6:	1.06	.353	1.61	.61	16
25.8:	1.50	.291	1.99	1.09	16
26.0:	1.89	.241	2.37	1.59	16
26.2:	2.27	.232	2.75	1.91	16
26.4:	2.74	.320	3.48	2.21	16
26.6:	3.62	.467	4.84	2.92	16
26.8:	6.66	.804	7.76	5.05	16
27.0:	13.75	1.355	16.14	11.14	13
27.2:	26.57	2.101	30.92	23.07	13
27.4:	51.15	4.173	60.89	45.03	13
27.6:	100.82	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.621	----- N/A -----			1
23.8:	12.412	.1106	12.526	12.305	3
24.0:	11.854	.3281	12.371	11.329	9
24.2:	11.692	.4887	13.072	11.296	11
24.4:	11.708	.3068	12.186	11.280	12
24.6:	11.569	.3416	12.127	11.135	13
24.8:	11.437	.3483	12.065	10.960	13
25.0:	11.294	.3347	11.955	10.797	13
25.2:	11.117	.3017	11.692	10.645	13
25.4:	10.741	.3269	11.359	10.149	13
25.6:	10.204	.2924	10.715	9.676	13
25.8:	9.729	.1813	9.984	9.408	13
26.0:	9.385	.1786	9.680	9.049	13
26.2:	9.100	.1969	9.440	8.649	13
26.4:	8.793	.2003	9.101	8.365	13
26.6:	8.272	.1679	8.504	7.865	13
26.8:	7.003	.1663	7.276	6.751	13
27.0:	5.058	.1802	5.345	4.759	13
27.2:	2.785	.1944	3.052	2.361	13
27.4:	-.100	.3229	.314	-.865	13
27.6:	-3.844	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	13.175	----- N/A -----			1
23.8:	13.074	.1370	13.167	12.917	3
24.0:	12.672	.2108	13.114	12.440	9
24.2:	12.612	.2117	13.072	12.365	11
24.4:	12.753	.2028	13.022	12.329	12
24.6:	12.675	.2062	12.967	12.270	13
24.8:	12.609	.2089	12.910	12.202	13
25.0:	12.534	.2107	12.840	12.127	13
25.2:	12.450	.2114	12.759	12.044	13
25.4:	12.350	.2076	12.652	11.952	13
25.6:	12.214	.1929	12.474	11.838	13
25.8:	12.037	.1768	12.282	11.702	13
26.0:	11.825	.1682	12.071	11.495	13
26.2:	11.586	.1654	11.839	11.247	13
26.4:	11.318	.1650	11.582	10.967	13
26.6:	11.011	.1594	11.277	10.657	13
26.8:	10.597	.1351	10.839	10.285	13
27.0:	9.964	.1049	10.153	9.741	13
27.2:	9.003	.0682	9.099	8.865	13
27.4:	7.555	.0184	7.579	7.524	13
27.6:	5.302	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:		----- N/A -----			0
23.8:		----- N/A -----			0
24.0:		----- N/A -----			0
24.2:		----- N/A -----			0
24.4:		----- N/A -----			0
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	1510	----- N/A -----			1
23.8:	1506	1.5	1508	1505	5
24.0:	1504	1.8	1507	1501	11
24.2:	1501	2.0	1504	1498	13
24.4:	1498	1.8	1501	1495	15
24.6:	1495	1.7	1498	1493	16
24.8:	1492	1.7	1495	1489	16
25.0:	1488	1.7	1492	1486	16
25.2:	1485	1.9	1490	1483	16
25.4:	1481	1.9	1485	1478	16
25.6:	1478	1.8	1481	1474	16
25.8:	1476	2.2	1480	1472	16
26.0:	1476	1.9	1479	1472	16
26.2:	1476	1.4	1479	1473	16
26.4:	1476	1.4	1479	1473	16
26.6:	1476	1.2	1479	1474	16
26.8:	1474	1.2	1477	1473	16
27.0:	1473	1.1	1476	1472	13
27.2:	1475	.6	1477	1475	13
27.4:	1478	.5	1479	1478	13
27.6:	1485	----- N/A -----			1

OCTOBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.86	.158	12.97	12.75	2
24.6:	11.96	.499	12.65	11.33	5
24.8:	10.99	.369	11.49	10.56	5
25.0:	10.08	.315	10.43	9.68	5
25.2:	9.16	.232	9.46	8.89	5
25.4:	8.31	.220	8.57	8.08	5
25.6:	7.51	.358	7.77	6.90	5
25.8:	7.10	.401	7.52	6.47	5
26.0:	6.89	.372	7.32	6.36	5
26.2:	6.76	.341	7.20	6.32	5
26.4:	6.62	.310	7.00	6.26	5
26.6:	6.26	.196	6.44	5.97	5
26.8:	5.22	.356	5.82	4.92	5
27.0:	4.30	.157	4.50	4.11	5
27.2:	3.77	.093	3.87	3.65	5
27.4:	3.09	.048	3.16	3.03	5
27.6:	2.27	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	32.406	.0637	32.451	32.361	2
24.6:	32.435	.1153	32.566	32.253	5
24.8:	32.499	.0899	32.610	32.363	5
25.0:	32.558	.0711	32.649	32.463	5
25.2:	32.611	.0625	32.685	32.554	5
25.4:	32.661	.0621	32.737	32.596	5
25.6:	32.756	.0668	32.797	32.641	5
25.8:	32.938	.0712	33.021	32.831	5
26.0:	33.155	.0681	33.232	33.060	5
26.2:	33.390	.0576	33.467	33.316	5
26.4:	33.615	.0523	33.679	33.553	5
26.6:	33.809	.0317	33.838	33.762	5
26.8:	33.901	.0532	33.991	33.857	5
27.0:	34.023	.0214	34.051	33.998	5
27.2:	34.206	.0118	34.218	34.192	5
27.4:	34.376	.0053	34.383	34.369	5
27.6:	34.538	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	33	1.4	34	32	2
24.6:	36	17.2	50	8	5
24.8:	48	7.8	55	38	5
25.0:	53	8.0	60	42	5
25.2:	59	8.5	66	45	5
25.4:	66	9.9	76	49	5
25.6:	81	6.4	88	72	5
25.8:	99	9.5	107	83	5
26.0:	113	11.7	123	94	5
26.2:	128	12.1	138	108	5
26.4:	146	12.0	155	125	5
26.6:	177	10.9	186	159	5
26.8:	280	35.4	313	231	5
27.0:	458	39.6	503	415	5
27.2:	676	34.3	714	634	5
27.4:	1003	43.6	1056	970	5
27.6:	1538	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	354.4	.01	354.4	354.4	2
24.6:	335.4	.46	335.9	334.9	5
24.8:	316.4	.25	316.6	316.0	5
25.0:	297.3	.21	297.5	297.0	5
25.2:	278.4	.19	278.6	278.1	5
25.4:	259.6	.15	259.7	259.4	5
25.6:	240.7	.11	240.8	240.6	5
25.8:	221.9	.13	222.0	221.7	5
26.0:	203.1	.12	203.2	202.9	5
26.2:	184.3	.13	184.4	184.1	5
26.4:	165.6	.16	165.8	165.4	5
26.6:	147.0	.16	147.2	146.8	5
26.8:	128.7	.29	129.1	128.4	5
27.0:	110.9	.31	111.2	110.5	5
27.2:	93.3	.32	93.7	92.9	5
27.4:	75.6	.22	75.9	75.4	5
27.6:	57.6	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.69	.163	12.97	12.74	2
24.6:	11.95	.496	12.64	11.33	5
24.8:	10.99	.372	11.49	10.55	5
25.0:	10.07	.313	10.42	9.67	5
25.2:	9.15	.232	9.45	8.88	5
25.4:	8.30	.219	8.56	8.07	5
25.6:	7.50	.358	7.76	6.89	5
25.8:	7.09	.401	7.51	6.46	5
26.0:	6.88	.375	7.32	6.35	5
26.2:	6.75	.344	7.19	6.30	5
26.4:	6.61	.310	6.99	6.25	5
26.6:	6.25	.193	6.42	5.96	5
26.8:	5.20	.356	5.80	4.90	5
27.0:	4.26	.158	4.47	4.08	5
27.2:	3.72	.096	3.82	3.60	5
27.4:	3.03	.056	3.10	2.95	5
27.6:	2.17	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	350.2	1.77	351.5	349.0	2
24.6:	331.9	3.66	334.6	327.7	5
24.8:	310.4	2.18	313.2	307.1	5
25.0:	291.1	2.48	295.1	289.1	5
25.2:	273.0	1.82	275.8	270.9	5
25.4:	256.9	1.78	258.5	254.2	5
25.6:	238.9	.49	239.5	238.2	5
25.8:	219.9	.34	220.1	219.3	5
26.0:	201.0	.42	201.4	200.4	5
26.2:	181.9	.20	182.2	181.7	5
26.4:	163.3	.09	163.4	163.2	5
26.6:	144.3	.00	144.3	144.3	5
26.8:	125.3	.11	125.4	125.1	5
27.0:	106.2	.00	106.2	106.2	5
27.2:	87.1	.04	87.2	87.1	5
27.4:	68.1	.11	68.2	67.9	5
27.6:	48.9	----- N/A -----			1

OCTOBER

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	1.20	.071	1.25	1.15	2
24.6:	1.30	.612	1.81	.28	5
24.8:	1.71	.247	1.98	1.37	5
25.0:	1.86	.273	2.15	1.47	5
25.2:	2.03	.280	2.31	1.57	5
25.4:	2.22	.324	2.45	1.66	5
25.6:	2.59	.204	2.78	2.37	5
25.8:	3.02	.233	3.25	2.63	5
26.0:	3.33	.277	3.64	2.88	5
26.2:	3.61	.285	3.93	3.15	5
26.4:	3.92	.284	4.19	3.45	5
26.6:	4.42	.259	4.59	3.97	5
26.8:	5.83	.540	6.34	4.97	5
27.0:	7.98	.573	8.61	7.20	5
27.2:	10.22	.505	10.68	9.43	5
27.4:	12.98	.542	13.62	12.27	5
27.6:	16.59	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	11.847	.0205	11.862	11.833	2
24.6:	11.580	.7745	12.724	10.692	5
24.8:	11.165	.4498	11.613	10.546	5
25.0:	11.020	.4637	11.514	10.407	5
25.2:	10.848	.4463	11.421	10.277	5
25.4:	10.659	.4340	11.321	10.157	5
25.6:	10.293	.2324	10.620	10.047	5
25.8:	9.856	.1508	10.006	9.624	5
26.0:	9.549	.1940	9.740	9.227	5
26.2:	9.265	.1991	9.475	8.937	5
26.4:	8.957	.1675	9.102	8.684	5
26.6:	8.463	.1163	8.581	8.284	5
26.8:	7.049	.2809	7.455	6.770	5
27.0:	4.899	.3651	5.281	4.393	5
27.2:	2.659	.2587	2.993	2.375	5
27.4:	-.102	.3364	.158	-.509	5
27.6:	-3.592	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	----- N/A -----				0
24.6:	----- N/A -----				0
24.8:	----- N/A -----				0
25.0:	----- N/A -----				0
25.2:	----- N/A -----				0
25.4:	----- N/A -----				0
25.6:	----- N/A -----				0
25.8:	----- N/A -----				0
26.0:	----- N/A -----				0
26.2:	----- N/A -----				0
26.4:	----- N/A -----				0
26.6:	----- N/A -----				0
26.8:	----- N/A -----				0
27.0:	----- N/A -----				0
27.2:	----- N/A -----				0
27.4:	----- N/A -----				0
27.6:	----- N/A -----				0

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	.20	.014	.21	.19	2
24.6:	.29	.187	.47	.01	5
24.8:	.43	.124	.56	.27	5
25.0:	.51	.148	.66	.31	5
25.2:	.61	.162	.77	.35	5
25.4:	.74	.193	.87	.40	5
25.6:	1.01	.149	1.14	.84	5
25.8:	1.41	.214	1.58	1.04	5
26.0:	1.76	.294	2.05	1.27	5
26.2:	2.11	.335	2.43	1.55	5
26.4:	2.54	.372	2.81	1.90	5
26.6:	3.36	.394	3.65	2.67	5
26.8:	6.74	1.433	8.07	4.66	5
27.0:	14.88	2.488	17.76	12.00	5
27.2:	27.87	2.884	30.83	23.99	5
27.4:	51.61	4.521	56.92	47.25	5
27.6:	97.19	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	13.013	.0643	13.059	12.968	2
24.6:	12.799	.2654	13.001	12.363	5
24.8:	12.709	.2716	12.913	12.263	5
25.0:	12.611	.2805	12.827	12.154	5
25.2:	12.505	.2892	12.731	12.038	5
25.4:	12.386	.2949	12.605	11.914	5
25.6:	12.251	.2946	12.478	11.783	5
25.8:	12.078	.2815	12.296	11.637	5
26.0:	11.876	.2658	12.081	11.470	5
26.2:	11.648	.2504	11.842	11.280	5
26.4:	11.391	.2362	11.585	11.062	5
26.6:	11.093	.2196	11.275	10.802	5
26.8:	10.692	.1868	10.850	10.443	5
27.0:	10.026	.1292	10.153	9.858	5
27.2:	9.026	.0860	9.131	8.944	5
27.4:	7.556	.0184	7.584	7.540	5
27.6:	5.364	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	1497	.7	1498	1497	2
24.6:	1494	1.9	1497	1492	5
24.8:	1491	1.7	1494	1490	5
25.0:	1488	1.3	1490	1487	5
25.2:	1485	1.0	1486	1484	5
25.4:	1482	1.0	1483	1481	5
25.6:	1479	1.3	1480	1477	5
25.8:	1478	1.5	1480	1476	5
26.0:	1478	1.6	1480	1476	5
26.2:	1478	1.6	1480	1476	5
26.4:	1478	1.1	1479	1477	5
26.6:	1477	.9	1478	1476	5
26.8:	1475	1.2	1477	1474	5
27.0:	1474	.8	1475	1473	5
27.2:	1475	.8	1477	1475	5
27.4:	1478	.8	1480	1478	5
27.6:	1484	----- N/A -----			1

NOVEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	10.77	----- N/A -----			1
25.0:	9.50	.523	9.87	9.13	2
25.2:	8.66	.622	9.10	8.22	2
25.4:	8.01	.594	8.43	7.59	2
25.6:	7.47	.453	7.79	7.15	2
25.8:	7.10	.170	7.22	6.98	2
26.0:	7.05	.106	7.13	6.98	2
26.2:	7.04	.042	7.07	7.01	2
26.4:	6.88	.078	6.94	6.83	2
26.6:	6.50	.014	6.51	6.49	2
26.8:	5.35	.311	5.57	5.13	2
27.0:	4.42	.071	4.47	4.37	2
27.2:	3.90	.085	3.96	3.84	2
27.4:	3.20	.113	3.28	3.12	2
27.6:	2.18	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	32.393	----- N/A -----			1
25.0:	32.394	.1195	32.479	32.310	2
25.2:	32.465	.1257	32.554	32.377	2
25.4:	32.598	.1067	32.674	32.523	2
25.6:	32.756	.0912	32.821	32.692	2
25.8:	32.936	.0239	32.953	32.919	2
26.0:	33.183	.0200	33.197	33.169	2
26.2:	33.431	.0087	33.437	33.425	2
26.4:	33.660	.0096	33.667	33.653	2
26.6:	33.847	.0034	33.850	33.845	2
26.8:	33.920	.0473	33.954	33.887	2
27.0:	34.039	.0119	34.048	34.031	2
27.2:	34.223	.0109	34.231	34.215	2
27.4:	34.387	.0131	34.397	34.378	2
27.6:	34.528	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	52	----- N/A -----			1
25.0:	58	2.1	60	57	2
25.2:	70	1.4	71	69	2
25.4:	79	3.5	82	77	2
25.6:	89	4.9	93	86	2
25.8:	103	10.6	111	96	2
26.0:	116	17.0	128	104	2
26.2:	131	26.9	150	112	2
26.4:	157	33.2	181	134	2
26.6:	203	43.1	234	173	2
26.8:	291	31.8	314	269	2
27.0:	440	18.4	453	427	2
27.2:	657	9.9	664	650	2
27.4:	975	18.4	988	962	2
27.6:	1619	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	316.7	----- N/A -----			1
25.0:	297.6	.07	297.7	297.6	2
25.2:	278.7	.07	278.8	278.7	2
25.4:	259.7	.08	259.8	259.7	2
25.6:	240.8	.01	240.8	240.8	2
25.8:	221.9	.07	222.0	221.9	2
26.0:	203.1	.21	203.3	203.0	2
26.2:	184.4	.35	184.7	184.2	2
26.4:	165.8	.50	166.2	165.5	2
26.6:	147.4	.57	147.8	147.0	2
26.8:	129.0	.57	129.4	128.6	2
27.0:	110.8	.21	111.0	110.7	2
27.2:	93.3	.21	93.5	93.2	2
27.4:	75.7	.14	75.8	75.6	2
27.6:	57.6	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	10.76	----- N/A -----			1
25.0:	9.49	.530	9.87	9.12	2
25.2:	8.65	.622	9.09	8.21	2
25.4:	8.00	.594	8.42	7.58	2
25.6:	7.46	.453	7.78	7.14	2
25.8:	7.09	.170	7.21	6.97	2
26.0:	7.04	.106	7.12	6.97	2
26.2:	7.02	.049	7.06	6.99	2
26.4:	6.87	.071	6.92	6.82	2
26.6:	6.48	.014	6.49	6.47	2
26.8:	5.32	.304	5.54	5.11	2
27.0:	4.38	.078	4.44	4.33	2
27.2:	3.85	.085	3.91	3.79	2
27.4:	3.17	.113	3.21	3.05	2
27.6:	2.07	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	314.6	----- N/A -----			1
25.0:	294.3	.85	294.9	293.7	2
25.2:	276.5	.35	276.8	276.3	2
25.4:	257.4	.28	257.6	257.2	2
25.6:	238.3	.71	238.8	237.8	2
25.8:	220.0	.42	220.3	219.7	2
26.0:	201.0	.07	201.1	201.0	2
26.2:	182.3	.07	182.4	182.3	2
26.4:	163.2	.14	163.3	163.1	2
26.6:	144.3	.14	144.4	144.2	2
26.8:	125.2	.07	125.3	125.2	2
27.0:	106.2	.14	106.3	106.1	2
27.2:	87.1	.07	87.2	87.1	2
27.4:	68.1	.00	68.1	68.1	2
27.6:	48.9	----- N/A -----			1

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1.71	----- N/A -----			1
25.0:	1.86	.148	1.97	1.76	2
25.2:	2.19	.042	2.22	2.16	2
25.4:	2.46	.014	2.47	2.45	2
25.6:	2.71	.042	2.74	2.68	2
25.8:	3.02	.184	3.15	2.89	2
26.0:	3.29	.325	3.52	3.06	2
26.2:	3.59	.523	3.96	3.22	2
26.4:	4.05	.629	4.50	3.61	2
26.6:	4.76	.785	5.32	4.21	2
26.8:	5.98	.622	6.42	5.54	2
27.0:	7.76	.453	8.08	7.44	2
27.2:	9.98	.368	10.24	9.72	2
27.4:	12.68	.120	12.77	12.60	2
27.6:	16.76	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.45	----- N/A -----			1
25.0:	.56	.071	.61	.51	2
25.2:	.77	.007	.78	.77	2
25.4:	.98	.057	1.02	.94	2
25.6:	1.20	.085	1.26	1.14	2
25.8:	1.51	.255	1.69	1.33	2
26.0:	1.82	.445	2.14	1.51	2
26.2:	2.23	.764	2.77	1.69	2
26.4:	2.92	1.068	3.68	2.17	2
26.6:	4.28	1.640	5.44	3.12	2
26.8:	7.31	1.697	8.51	6.11	2
27.0:	13.96	1.513	15.03	12.89	2
27.2:	26.40	1.358	27.36	25.44	2
27.4:	48.96	.792	49.52	48.40	2
27.6:	104.85	----- N/A -----			1

NOVEMBER

DELTA -OH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	10.911	----- N/A -----			1
25.0:	10.939	.4186	11.235	10.643	2
25.2:	10.611	.3083	10.829	10.393	2
25.4:	10.342	.2510	10.520	10.165	2
25.6:	10.096	.2270	10.257	9.936	2
25.8:	9.784	.0827	9.843	9.726	2
26.0:	9.515	.0552	9.554	9.476	2
26.2:	9.214	.2524	9.393	9.036	2
26.4:	8.751	.3613	9.007	8.496	2
26.6:	8.037	.5183	8.404	7.671	2
26.8:	6.826	.3557	7.078	6.575	2
27.0:	5.042	.1846	5.173	4.912	2
27.2:	2.823	.0997	2.894	2.753	2
27.4:	.118	.1428	.219	.017	2
27.6:	-4.143	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.557	----- N/A -----			1
25.0:	12.695	.3465	12.940	12.450	2
25.2:	12.573	.3479	12.819	12.327	2
25.4:	12.429	.3429	12.672	12.187	2
25.6:	12.268	.3352	12.505	12.031	2
25.8:	12.085	.3210	12.312	11.858	2
26.0:	11.879	.2970	12.089	11.669	2
26.2:	11.648	.2595	11.832	11.465	2
26.4:	11.383	.2058	11.529	11.238	2
26.6:	11.055	.1351	11.151	10.960	2
26.8:	10.614	.0672	10.662	10.567	2
27.0:	9.956	.0290	9.977	9.936	2
27.2:	9.006	.0056	9.010	9.002	2
27.4:	7.565	.0127	7.574	7.556	2
27.6:	5.284	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	6.36	----- N/A -----			1
25.0:	6.19	----- N/A -----			1
25.2:	6.05	----- N/A -----			1
25.4:	5.87	----- N/A -----			1
25.6:	5.68	----- N/A -----			1
25.8:	5.50	----- N/A -----			1
26.0:	4.93	----- N/A -----			1
26.2:	4.37	----- N/A -----			1
26.4:	4.04	----- N/A -----			1
26.6:	3.61	----- N/A -----			1
26.8:	2.83	----- N/A -----			1
27.0:	1.09	----- N/A -----			1
27.2:	.53	----- N/A -----			1
27.4:	.42	----- N/A -----			1
27.6:	1.04	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1491	----- N/A -----			1
25.0:	1486	2.1	1488	1485	2
25.2:	1483	2.1	1485	1482	2
25.4:	1481	2.8	1483	1479	2
25.6:	1479	2.1	1481	1478	2
25.8:	1478	.7	1479	1478	2
26.0:	1479	.0	1479	1479	2
26.2:	1479	.0	1479	1479	2
26.4:	1479	.7	1480	1479	2
26.6:	1478	.7	1479	1478	2
26.8:	1475	2.1	1477	1474	2
27.0:	1474	.7	1475	1474	2
27.2:	1476	.7	1477	1476	2
27.4:	1479	.0	1479	1479	2
27.6:	1485	----- N/A -----			1

DECEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.06	.622	10.71	9.47	3
25.2:	9.24	.478	10.23	8.64	10
25.4:	8.49	.402	9.28	7.92	12
25.6:	7.79	.511	8.39	6.90	12
25.8:	7.16	.708	7.95	5.72	12
26.0:	6.80	.661	7.62	5.52	12
26.2:	6.67	.557	7.36	5.65	12
26.4:	6.55	.503	7.13	5.70	12
26.6:	6.25	.431	6.71	5.56	12
26.8:	5.25	.299	5.62	4.76	12
27.0:	4.30	.195	4.54	4.01	10
27.2:	3.77	.112	3.90	3.59	10
27.4:	3.10	.050	3.19	3.05	10
27.6:	2.22	.035	2.25	2.20	2

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	32.493	.1345	32.628	32.359	3
25.2:	32.591	.1037	32.811	32.473	10
25.4:	32.702	.0876	32.875	32.582	12
25.6:	32.822	.1021	32.935	32.642	12
25.8:	32.955	.1267	33.108	32.706	12
26.0:	33.103	.1113	33.282	32.934	12
26.2:	33.373	.0944	33.498	33.204	12
26.4:	33.605	.0823	33.705	33.466	12
26.6:	33.808	.0696	33.884	33.696	12
26.8:	33.906	.0441	33.960	33.833	12
27.0:	34.025	.0262	34.055	33.984	10
27.2:	34.205	.0144	34.221	34.182	10
27.4:	34.377	.0062	34.387	34.370	10
27.6:	34.535	.0032	34.538	34.533	2

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	53	4.2	58	50	3
25.2:	62	11.2	84	49	10
25.4:	73	10.4	91	60	12
25.6:	82	11.8	104	66	12
25.8:	94	13.3	113	71	12
26.0:	111	17.3	137	83	12
26.2:	127	19.4	159	96	12
26.4:	147	18.3	181	121	12
26.6:	182	13.8	206	156	12
26.8:	275	20.5	312	243	12
27.0:	435	36.6	518	390	10
27.2:	659	28.1	708	610	10
27.4:	1001	37.1	1088	945	10
27.6:	1658	11.3	1666	1650	2

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	297.6	.12	297.7	297.5	3
25.2:	278.6	.26	279.1	278.3	10
25.4:	259.7	.22	260.0	259.3	12
25.6:	240.7	.21	241.1	240.4	12
25.8:	221.8	.18	222.1	221.6	12
26.0:	203.0	.19	203.3	202.8	12
26.2:	184.3	.20	184.6	184.0	12
26.4:	165.6	.16	165.8	165.4	12
26.6:	147.0	.18	147.4	146.7	12
26.8:	128.7	.27	129.3	128.3	12
27.0:	110.7	.38	111.3	110.1	10
27.2:	93.1	.30	93.7	92.8	10
27.4:	75.6	.23	76.1	75.4	10
27.6:	58.1	.21	58.3	58.0	2

DECEMBER

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.06	.621	10.70	9.46	3
25.2:	9.23	.479	10.22	8.63	10
25.4:	8.48	.401	9.27	7.91	12
25.6:	7.79	.510	8.38	6.89	12
25.8:	7.15	.706	7.94	5.71	12
26.0:	6.79	.661	7.61	5.51	12
26.2:	6.65	.567	7.35	5.64	12
26.4:	6.53	.503	7.12	5.69	12
26.6:	6.24	.432	6.69	5.54	12
26.8:	5.23	.301	5.60	4.74	12
27.0:	4.27	.196	4.51	3.98	10
27.2:	3.72	.110	3.84	3.54	10
27.4:	3.03	.053	3.13	2.98	10
27.6:	2.11	.028	2.13	2.09	2

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	295.8	.81	296.4	294.9	3
25.2:	275.7	1.45	277.5	273.9	10
25.4:	256.5	1.42	258.5	253.8	12
25.6:	237.9	1.17	239.4	235.6	12
25.8:	219.7	.80	220.5	217.9	12
26.0:	201.0	.38	201.4	200.2	12
26.2:	182.0	.30	182.4	181.5	12
26.4:	163.2	.16	163.4	163.0	12
26.6:	144.3	.07	144.4	144.2	12
26.8:	125.2	.09	125.3	125.0	12
27.0:	106.2	.11	106.4	106.1	10
27.2:	87.2	.06	87.3	87.1	10
27.4:	68.1	.07	68.2	68.0	10
27.6:	48.5	.07	48.6	48.5	2

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1.62	.151	1.79	1.50	3
25.2:	1.63	.343	2.48	1.36	10
25.4:	2.12	.282	2.63	1.75	12
25.6:	2.33	.304	2.77	1.90	12
25.8:	2.61	.337	3.03	2.06	12
26.0:	2.97	.412	3.49	2.30	12
26.2:	3.28	.452	3.94	2.56	12
26.4:	3.64	.427	4.33	2.99	12
26.6:	4.18	.340	4.71	3.76	12
26.8:	5.45	.386	6.14	4.92	12
27.0:	7.36	.508	8.30	6.70	10
27.2:	9.64	.453	10.44	8.94	10
27.4:	12.52	.489	13.64	11.79	10
27.6:	17.09	.651	17.55	16.63	2

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	.45	.083	.54	.38	3
25.2:	.60	.224	1.06	.34	10
25.4:	.81	.221	1.20	.54	12
25.6:	.99	.267	1.46	.64	12
25.8:	1.25	.324	1.71	.73	12
26.0:	1.64	.453	2.31	.92	12
26.2:	2.02	.562	2.97	1.16	12
26.4:	2.52	.609	3.66	1.64	12
26.6:	3.43	.557	4.42	2.61	12
26.8:	6.41	.949	8.19	5.05	12
27.0:	13.42	2.148	18.18	10.79	10
27.2:	26.20	2.370	30.44	22.25	10
27.4:	50.69	3.876	59.80	44.92	10
27.6:	111.74	4.151	114.68	108.81	2

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.827	.1723	11.025	10.709	3
25.2:	10.605	.3393	11.234	10.129	9
25.4:	10.345	.2165	10.599	9.975	10
25.6:	10.157	.2061	10.335	9.822	10
25.8:	9.891	.1995	10.186	9.602	10
26.0:	9.539	.2829	9.944	9.084	10
26.2:	9.242	.3116	9.687	8.757	10
26.4:	8.886	.2814	9.253	8.440	10
26.6:	8.318	.1788	8.574	8.012	10
26.8:	7.077	.1234	7.216	6.787	10
27.0:	5.085	.3206	5.437	4.298	10
27.2:	2.799	.2218	3.197	2.436	10
27.4:	-.084	.2873	.343	-.763	10
27.6:	-4.528	.1994	-4.387	-4.669	2

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	12.431	.1761	12.592	12.243	3
25.2:	12.379	.2673	12.847	12.037	9
25.4:	12.229	.2466	12.697	11.914	10
25.6:	12.085	.2350	12.528	11.770	10
25.8:	11.927	.2214	12.338	11.608	10
26.0:	11.738	.2056	12.121	11.429	10
26.2:	11.521	.1907	11.878	11.229	10
26.4:	11.272	.1818	11.610	10.999	10
26.6:	10.978	.1734	11.290	10.724	10
26.8:	10.581	.1553	10.845	10.356	10
27.0:	9.949	.1224	10.156	9.783	10
27.2:	8.996	.0697	9.130	8.908	10
27.4:	7.559	.0203	7.598	7.537	10
27.6:	5.220	.0983	5.290	5.151	2

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	-----	N/A	-----		0
25.2:	-----	N/A	-----		0
25.4:	-----	N/A	-----		0
25.6:	-----	N/A	-----		0
25.8:	-----	N/A	-----		0
26.0:	-----	N/A	-----		0
26.2:	-----	N/A	-----		0
26.4:	-----	N/A	-----		0
26.6:	-----	N/A	-----		0
26.8:	-----	N/A	-----		0
27.0:	-----	N/A	-----		0
27.2:	-----	N/A	-----		0
27.4:	-----	N/A	-----		0
27.6:	-----	N/A	-----		0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1488	2.5	1491	1486	3
25.2:	1485	2.1	1490	1483	10
25.4:	1483	1.5	1486	1481	12
25.6:	1480	2.1	1483	1477	12
25.8:	1478	2.9	1482	1472	12
26.0:	1477	2.6	1481	1472	12
26.2:	1477	2.1	1480	1474	12
26.4:	1477	1.9	1480	1474	12
26.6:	1477	1.8	1479	1474	12
26.8:	1475	1.3	1477	1473	12
27.0:	1474	1.1	1476	1472	10
27.2:	1475	.7	1477	1475	10
27.4:	1478	.7	1480	1478	10
27.6:	1486	.7	1487	1486	2

Table 7. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, using all data, for Station 8.

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.05	3.089	17.30	5.28	129
10:	9.96	3.073	17.11	5.25	129
20:	9.75	2.911	17.11	5.25	129
30:	9.17	2.429	15.07	5.26	129
50:	7.83	1.349	13.32	5.26	129
75:	6.98	.912	9.64	5.27	129
100:	6.41	.656	8.27	5.10	129
125:	6.13	.477	7.29	5.13	129
150:	6.04	.440	7.06	5.19	128
175:	5.89	.444	6.90	4.83	128
200:	5.66	.439	6.70	4.78	128
225:	5.39	.427	6.57	4.58	128
250:	5.15	.408	6.41	4.32	128
300:	4.75	.379	6.19	3.99	128
400:	4.25	.257	5.32	3.73	121
500:	4.02	.193	4.78	3.73	100
600:	3.80	.146	4.36	3.58	100
700:	3.61	.117	3.98	3.42	99
800:	3.42	.096	3.72	3.25	98
900:	3.23	.073	3.47	3.09	97
1000:	3.05	.062	3.27	2.89	96
1200:	2.74	.044	2.88	2.63	95
1500:	2.35	.039	2.44	2.26	83
2000:	1.96	.031	2.00	1.90	10
2500:	1.73	.024	1.75	1.70	4
3000:	1.60	.010	1.61	1.59	4

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.502	.1029	32.710	32.210	129
10:	32.498	.1002	32.695	32.210	129
20:	32.502	.0989	32.692	32.210	129
30:	32.513	.0971	32.693	32.216	129
50:	32.551	.0910	32.783	32.350	129
75:	32.619	.1229	33.370	32.410	129
100:	32.811	.2204	33.862	32.511	129
125:	33.228	.2964	33.915	32.663	129
150:	33.592	.1936	33.932	33.230	128
175:	33.763	.0773	33.940	33.559	128
200:	33.826	.0552	33.960	33.675	128
225:	33.851	.0481	33.960	33.715	128
250:	33.867	.0449	33.970	33.748	128
300:	33.899	.0372	33.985	33.817	128
400:	33.987	.0335	34.104	33.882	121
500:	34.081	.0296	34.160	33.991	100
600:	34.159	.0273	34.220	34.060	100
700:	34.229	.0275	34.283	34.125	99
800:	34.287	.0251	34.340	34.183	98
900:	34.334	.0229	34.377	34.241	97
1000:	34.374	.0231	34.420	34.280	96
1200:	34.437	.0230	34.499	34.340	95
1500:	34.508	.0221	34.565	34.450	83
2000:	34.591	.0140	34.608	34.564	10
2500:	34.632	.0156	34.641	34.609	4
3000:	34.658	.0103	34.669	34.645	4

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.970	.5692	25.780	23.425	129
10:	24.982	.5640	25.780	23.477	129
20:	25.025	.5307	25.780	23.486	129
30:	25.139	.4354	25.780	24.039	129
50:	25.391	.2271	25.792	24.333	129
75:	25.567	.1550	26.062	25.046	129
100:	25.795	.1699	26.524	25.313	129
125:	26.160	.1759	26.583	25.653	129
150:	26.458	.1018	26.624	26.123	128
175:	26.611	.0579	26.721	26.385	128
200:	26.689	.0435	26.772	26.559	128
225:	26.741	.0365	26.813	26.654	128
250:	26.782	.0342	26.859	26.683	128
300:	26.853	.0347	26.918	26.744	128
400:	26.977	.0321	27.050	26.879	121
500:	27.076	.0295	27.137	26.978	100
600:	27.160	.0260	27.216	27.071	100
700:	27.235	.0253	27.284	27.144	99
800:	27.300	.0230	27.350	27.204	98
900:	27.354	.0213	27.394	27.263	97
1000:	27.403	.0212	27.443	27.314	96
1200:	27.481	.0199	27.531	27.398	95
1500:	27.571	.0185	27.619	27.522	83
2000:	27.669	.0123	27.686	27.646	10
2500:	27.720	.0133	27.729	27.700	4
3000:	27.750	.0087	27.759	27.739	4

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	299.6	54.20	446.8	222.5	129
10:	298.6	53.75	442.1	222.6	129
20:	294.7	50.62	441.6	222.7	129
30:	284.0	41.57	389.0	222.8	129
50:	260.2	21.73	361.4	221.9	129
75:	243.7	14.84	293.7	196.8	129
100:	222.3	16.14	268.5	153.4	129
125:	187.9	16.65	236.1	148.1	129
150:	160.0	9.65	192.0	144.3	128
175:	145.7	5.56	167.4	135.1	128
200:	138.6	4.24	151.2	130.5	128
225:	133.8	3.60	142.6	126.7	128
250:	130.1	3.39	139.6	122.5	128
300:	123.6	3.47	134.8	117.3	128
400:	112.5	3.18	122.6	105.7	121
500:	103.8	2.92	113.9	97.7	100
600:	96.4	2.56	104.9	91.0	100
700:	89.9	2.48	98.6	85.1	99
800:	84.2	2.25	93.4	79.2	98
900:	79.4	2.07	88.3	75.6	97
1000:	75.1	2.06	83.6	71.3	96
1200:	68.2	1.91	76.1	63.6	95
1500:	60.2	1.75	65.0	55.7	83
2000:	51.6	1.18	53.8	49.9	10
2500:	47.6	1.29	49.5	46.6	4
3000:	45.5	.81	46.5	44.6	4

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.05	3.089	17.30	5.28	129
10:	9.96	3.073	17.11	5.25	129
20:	9.75	2.911	17.11	5.25	129
30:	9.17	2.429	15.07	5.26	129
50:	7.82	1.346	13.31	5.26	129
75:	6.98	.912	9.63	5.26	129
100:	6.40	.656	8.26	5.09	129
125:	6.12	.477	7.28	5.12	129
150:	6.03	.440	7.05	5.17	128
175:	5.87	.442	6.88	4.82	128
200:	5.64	.438	6.68	4.76	128
225:	5.38	.426	6.55	4.56	128
250:	5.13	.407	6.39	4.30	128
300:	4.73	.378	6.16	3.97	128
400:	4.23	.256	5.29	3.70	121
500:	3.98	.192	4.74	3.69	100
600:	3.76	.145	4.31	3.53	100
700:	3.56	.116	3.93	3.37	99
800:	3.36	.095	3.66	3.19	98
900:	3.17	.074	3.41	3.03	97
1000:	2.98	.062	3.20	2.82	96
1200:	2.66	.045	2.80	2.58	95
1500:	2.25	.039	2.34	2.16	83
2000:	1.82	.029	1.86	1.77	10
2500:	1.56	.022	1.58	1.53	4
3000:	1.38	.008	1.39	1.37	4

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	299.6	54.20	446.8	222.5	129
10:	298.4	53.70	441.8	222.5	129
20:	296.3	50.51	440.9	222.5	129
30:	283.4	41.43	388.2	222.5	129
50:	259.4	21.59	360.0	221.3	129
75:	242.6	14.74	292.2	195.6	129
100:	220.9	16.14	266.8	151.7	129
125:	186.3	16.71	234.4	146.0	129
150:	157.9	9.66	189.7	142.2	128
175:	143.4	5.49	164.8	132.9	128
200:	136.0	4.12	148.3	128.2	128
225:	131.1	3.45	139.3	124.2	128
250:	127.2	3.22	136.5	119.9	128
300:	120.3	3.28	130.6	114.3	128
400:	108.6	3.04	117.8	101.6	121
500:	99.1	2.78	108.4	93.4	100
600:	91.1	2.46	99.5	85.8	100
700:	84.0	2.40	92.6	79.3	99
800:	77.8	2.18	86.8	73.0	98
900:	72.5	2.01	81.2	68.8	97
1000:	67.9	2.00	76.3	64.1	96
1200:	60.4	1.87	68.3	55.7	95
1500:	51.8	1.75	56.4	47.3	83
2000:	42.2	1.15	44.5	40.7	10
2500:	37.3	1.23	39.1	36.4	4
3000:	34.1	.80	35.1	33.2	4

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	129
10:	.30	.054	.45	.22	129
20:	.60	.107	.90	.45	129
30:	.89	.152	1.31	.67	129
50:	1.43	.203	1.96	1.11	129
75:	2.06	.226	2.66	1.67	129
100:	2.64	.236	3.27	2.21	129
125:	3.16	.249	3.80	2.61	129
150:	3.59	.266	4.28	3.00	128
175:	3.97	.276	4.69	3.38	128
200:	4.33	.281	5.06	3.74	128
225:	4.67	.285	5.41	4.10	128
250:	5.00	.288	5.74	4.44	128
300:	5.63	.295	6.39	5.06	128
400:	6.81	.302	7.56	6.20	121
500:	7.89	.318	8.66	7.23	100
600:	8.89	.333	9.67	8.21	100
700:	9.82	.349	10.61	9.10	99
800:	10.70	.363	11.46	9.94	98
900:	11.52	.378	12.35	10.74	97
1000:	12.28	.391	13.20	11.49	96
1200:	13.72	.419	14.80	12.86	95
1500:	15.58	.436	16.63	14.76	83
2000:	18.49	.387	18.97	17.86	10
2500:	20.76	.601	21.53	20.25	4
3000:	23.07	.646	23.92	22.52	4

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	129
10:	.01	.005	.02	.01	129
20:	.06	.011	.09	.05	129
30:	.14	.023	.20	.10	129
50:	.36	.048	.46	.28	129
75:	.76	.062	.94	.64	129
100:	1.28	.079	1.46	1.08	129
125:	1.86	.104	2.11	1.52	129
150:	2.47	.137	2.82	2.04	128
175:	3.10	.161	3.53	2.63	128
200:	3.78	.176	4.29	3.31	128
225:	4.51	.188	5.08	4.07	128
250:	5.31	.200	5.92	4.88	128
300:	7.09	.226	7.79	6.56	128
400:	11.29	.303	12.24	10.62	121
500:	16.23	.430	17.55	15.34	100
600:	21.84	.565	23.60	20.80	100
700:	28.01	.721	30.21	26.60	99
800:	34.67	.882	37.52	33.04	98
900:	41.75	1.054	45.41	39.64	97
1000:	49.20	1.207	53.69	46.75	96
1200:	65.24	1.606	71.61	61.68	95
1500:	91.36	2.091	96.83	87.07	83
2000:	141.57	2.398	145.95	138.57	10
2500:	197.85	4.388	203.68	193.38	4
3000:	262.76	5.846	270.85	257.04	4

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.76	.310	7.13	6.29	6
10:	6.74	.346	7.08	6.22	6
20:	6.68	.266	7.12	6.41	6
30:	6.81	.247	7.09	6.40	6
50:	6.79	.285	7.11	6.39	6
75:	6.75	.320	7.08	6.32	6
100:	6.48	.379	6.97	5.94	6
125:	5.51	.698	6.68	4.83	6
150:	4.58	.455	5.15	4.16	6
175:	4.24	.369	4.71	3.72	6
200:	3.80	.441	4.26	3.18	6
225:	3.41	.434	3.86	2.79	6
250:	3.14	.514	3.66	2.44	6
300:	2.46	.467	2.99	1.86	6
400:	1.60	.261	1.90	1.29	6
500:	.98	.144	1.14	.73	6
600:	.72	.115	.83	.53	6
700:	.54	.099	.68	.42	6
800:	.47	.073	.58	.40	6
900:	.45	.061	.54	.38	6
1000:	.43	.056	.51	.36	6
1200:	.48	.028	.51	.44	6
1500:	.71	.024	.73	.68	4
2000:	1.40	.079	1.47	1.30	4
2500:	1.95	.057	2.02	1.89	4
3000:	2.50	.071	2.55	2.45	2

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1486	11.1	1511	1469	129
10:	1486	11.0	1511	1469	129
20:	1486	10.5	1511	1469	129
30:	1484	8.8	1505	1469	129
50:	1479	5.2	1500	1470	129
75:	1477	3.6	1487	1470	129
100:	1475	2.7	1482	1470	129
125:	1475	2.1	1481	1471	129
150:	1475	1.9	1480	1472	128
175:	1475	1.9	1480	1471	128
200:	1475	1.9	1480	1472	128
225:	1474	1.8	1480	1471	128
250:	1474	1.7	1479	1471	128
300:	1473	1.6	1479	1470	128
400:	1473	1.1	1478	1471	121
500:	1473	.8	1477	1473	100
600:	1474	.7	1477	1474	100
700:	1475	.6	1477	1475	99
800:	1476	.5	1478	1476	98
900:	1477	.5	1478	1477	97
1000:	1478	.5	1479	1478	96
1200:	1480	.4	1481	1480	95
1500:	1483	.1	1484	1483	83
2000:	1490	.5	1491	1490	10
2500:	1498	.0	1498	1498	4
3000:	1506	.0	1506	1506	4

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.287	.3928	13.202	11.489	95
10:	11.986	.3565	12.880	11.246	95
20:	11.688	.3252	12.559	11.006	95
30:	11.395	.3002	12.238	10.775	95
50:	10.848	.2712	11.650	10.303	95
75:	10.213	.2499	10.978	9.719	95
100:	9.629	.2336	10.351	9.165	95
125:	9.116	.2238	9.859	8.697	95
150:	8.684	.2151	9.437	8.273	95
175:	8.305	.2063	9.051	7.900	95
200:	7.950	.1977	8.673	7.555	95
225:	7.612	.1896	8.313	7.229	95
250:	7.282	.1826	7.961	6.910	95
300:	6.648	.1707	7.286	6.310	95
400:	5.471	.1381	6.000	5.185	95
500:	4.390	.1116	4.827	4.154	95
600:	3.390	.0874	3.744	3.209	95
700:	2.459	.0626	2.721	2.337	95
800:	1.590	.0417	1.765	1.494	95
900:	.772	.0202	.856	.735	95
1000:	.000	.0002	.002	.000	95
1200:	-1.429	.0415	-1.332	-1.600	95
1500:	-3.338	.0888	-3.119	-3.588	83
2000:	-6.130	.1182	-5.973	-6.345	10
2500:	-8.590	.2097	-8.360	-8.862	4
3000:	-10.905	.2623	-10.630	-11.259	4

Table 8. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, by months, for Station 8.

JANUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.97	.785	9.32	7.06	13
10:	7.97	.753	9.30	7.05	13
20:	7.98	.751	9.30	7.05	13
30:	7.98	.745	9.30	7.10	13
50:	7.97	.742	9.31	7.08	13
75:	7.69	.504	8.60	6.79	13
100:	6.92	.789	8.27	5.46	13
125:	6.37	.634	7.29	5.13	13
150:	6.27	.542	7.06	5.37	13
175:	6.10	.537	6.90	5.36	13
200:	5.84	.553	6.70	5.10	13
225:	5.63	.562	6.57	4.83	13
250:	5.37	.573	6.41	4.61	13
300:	5.01	.572	6.10	4.33	13
400:	4.43	.427	5.32	4.01	13
500:	4.11	.309	4.78	3.78	13
600:	3.85	.234	4.36	3.61	13
700:	3.63	.172	3.98	3.44	13
800:	3.44	.142	3.72	3.27	12
900:	3.24	.101	3.47	3.11	12
1000:	3.07	.086	3.27	2.96	11
1200:	2.75	.052	2.83	2.67	11
1500:	2.34	.031	2.38	2.29	10
2000:	1.98	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.457	.0518	32.542	32.370	13
10:	32.456	.0521	32.538	32.370	13
20:	32.457	.0526	32.539	32.370	13
30:	32.459	.0534	32.541	32.369	13
50:	32.459	.0558	32.544	32.360	13
75:	32.592	.1533	33.020	32.440	13
100:	32.908	.3534	33.660	32.511	13
125:	33.360	.2440	33.790	32.930	13
150:	33.638	.1684	33.860	33.300	13
175:	33.779	.0919	33.900	33.590	13
200:	33.837	.0524	33.920	33.737	13
225:	33.868	.0425	33.940	33.797	13
250:	33.883	.0420	33.950	33.823	13
300:	33.913	.0311	33.965	33.860	13
400:	33.987	.0214	34.020	33.947	13
500:	34.070	.0241	34.118	34.030	13
600:	34.149	.0213	34.191	34.116	13
700:	34.218	.0249	34.266	34.160	13
800:	34.277	.0147	34.301	34.250	12
900:	34.327	.0192	34.350	34.290	12
1000:	34.370	.0121	34.385	34.346	11
1200:	34.431	.0131	34.450	34.414	11
1500:	34.503	.0195	34.526	34.472	10
2000:	34.564	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.303	.1401	25.454	25.039	13
10:	25.303	.1372	25.445	25.038	13
20:	25.303	.1375	25.445	25.038	13
30:	25.305	.1386	25.447	25.038	13
50:	25.307	.1395	25.457	25.036	13
75:	25.452	.1221	25.733	25.306	13
100:	25.803	.2985	26.335	25.313	13
125:	26.232	.1676	26.464	25.831	13
150:	26.465	.1251	26.610	26.123	13
175:	26.597	.0766	26.693	26.385	13
200:	26.675	.0527	26.736	26.559	13
225:	26.726	.0462	26.788	26.654	13
250:	26.768	.0446	26.831	26.691	13
300:	26.833	.0477	26.885	26.744	13
400:	26.957	.0439	27.005	26.879	13
500:	27.058	.0414	27.109	26.978	13
600:	27.147	.0326	27.190	27.088	13
700:	27.224	.0309	27.266	27.159	13
800:	27.289	.0209	27.313	27.241	12
900:	27.348	.0208	27.374	27.297	12
1000:	27.398	.0127	27.413	27.372	11
1200:	27.476	.0100	27.492	27.460	11
1500:	27.568	.0157	27.591	27.546	10
2000:	27.646	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	267.8	13.31	292.9	253.5	13
10:	267.9	13.07	293.2	254.4	13
20:	268.1	13.10	293.4	254.6	13
30:	268.1	13.24	293.6	254.5	13
50:	268.2	13.33	294.1	253.9	13
75:	254.7	11.63	268.7	228.1	13
100:	221.6	28.38	268.5	171.3	13
125:	181.1	15.86	219.4	159.4	13
150:	159.4	11.68	192.0	145.5	13
175:	147.1	7.35	167.4	137.9	13
200:	140.0	5.19	151.2	133.8	13
225:	135.4	4.63	142.6	129.1	13
250:	131.5	4.50	139.4	125.2	13
300:	125.7	4.86	134.6	120.3	13
400:	114.5	4.52	122.6	109.8	13
500:	105.6	4.22	113.9	100.7	13
600:	97.7	3.37	103.9	93.5	13
700:	90.9	3.12	97.6	87.0	13
800:	85.3	2.17	90.3	82.9	12
900:	80.0	2.10	85.3	77.4	12
1000:	75.6	1.32	78.5	74.0	11
1200:	68.7	.93	70.4	67.2	11
1500:	60.4	1.45	62.4	58.2	10
2000:	53.8	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JANUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.97	.785	9.32	7.06	13
10:	7.97	.753	9.30	7.05	13
20:	7.98	.751	9.30	7.05	13
30:	7.98	.746	9.30	7.09	13
50:	7.96	.739	9.30	7.08	13
75:	7.68	.503	8.59	6.78	13
100:	6.91	.790	8.26	5.45	13
125:	6.36	.634	7.28	5.12	13
150:	6.26	.544	7.05	5.36	13
175:	6.08	.535	6.88	5.35	13
200:	5.81	.552	6.68	5.08	13
225:	5.61	.561	6.55	4.82	13
250:	5.35	.573	6.39	4.59	13
300:	4.99	.571	6.08	4.30	13
400:	4.40	.427	5.29	3.98	13
500:	4.07	.307	4.74	3.74	13
600:	3.80	.230	4.31	3.57	13
700:	3.58	.172	3.93	3.39	13
800:	3.39	.139	3.66	3.22	12
900:	3.18	.101	3.41	3.05	12
1000:	3.00	.085	3.20	2.89	11
1200:	2.66	.051	2.75	2.59	11
1500:	2.24	.030	2.28	2.19	10
2000:	1.84	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	267.8	13.31	292.9	253.5	13
10:	267.8	13.09	293.0	254.3	13
20:	267.8	13.08	293.0	254.3	13
30:	267.6	13.14	293.0	254.1	13
50:	267.4	13.23	293.1	253.2	13
75:	253.6	11.62	267.4	226.8	13
100:	220.2	28.36	266.8	169.6	13
125:	179.4	15.89	217.4	157.4	13
150:	157.3	11.88	189.7	143.5	13
175:	144.7	7.25	164.8	135.7	13
200:	137.3	5.00	148.3	131.5	13
225:	132.5	4.33	139.2	126.6	13
250:	128.4	4.20	135.7	122.5	13
300:	122.3	4.48	130.6	117.3	13
400:	110.4	4.15	117.8	105.9	13
500:	100.8	3.91	108.4	96.0	13
600:	92.3	3.08	97.9	88.3	13
700:	85.0	2.92	91.1	81.0	13
800:	78.8	1.96	83.3	76.5	12
900:	73.1	1.94	77.9	70.7	12
1000:	68.3	1.20	70.8	66.9	11
1200:	60.9	.95	62.4	59.3	11
1500:	52.0	1.47	54.1	49.9	10
2000:	44.5	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.27	.012	.29	.25	13
20:	.54	.026	.59	.51	13
30:	.80	.040	.88	.76	13
50:	1.34	.068	1.47	1.27	13
75:	2.01	.084	2.14	1.90	13
100:	2.60	.065	2.69	2.50	13
125:	3.10	.087	3.29	2.97	13
150:	3.52	.116	3.81	3.37	13
175:	3.91	.136	4.26	3.74	13
200:	4.26	.148	4.66	4.09	13
225:	4.61	.152	5.02	4.42	13
250:	4.94	.156	5.37	4.75	13
300:	5.59	.167	6.04	5.37	13
400:	6.79	.193	7.29	6.54	13
500:	7.88	.226	8.44	7.58	13
600:	8.90	.260	9.52	8.55	13
700:	9.84	.284	10.48	9.46	13
800:	10.76	.292	11.38	10.45	12
900:	11.58	.308	12.22	11.27	12
1000:	12.33	.317	12.99	12.04	11
1200:	13.77	.321	14.41	13.50	11
1500:	15.04	.287	16.32	15.37	10
2000:	18.77	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.01	.000	.01	.01	13
20:	.05	.005	.06	.05	13
30:	.12	.005	.13	.12	13
50:	.34	.017	.37	.32	13
75:	.77	.030	.81	.72	13
100:	1.29	.038	1.37	1.24	13
125:	1.86	.094	2.06	1.71	13
150:	2.46	.136	2.79	2.27	13
175:	3.09	.169	3.53	2.88	13
200:	3.78	.188	4.29	3.57	13
225:	4.52	.200	5.08	4.34	13
250:	5.33	.209	5.92	5.13	13
300:	7.13	.238	7.79	6.88	13
400:	11.41	.352	12.24	11.02	13
500:	16.44	.539	17.55	15.83	13
600:	22.15	.752	23.60	21.28	13
700:	28.37	.927	29.93	27.29	13
800:	35.22	1.109	37.08	34.08	12
900:	42.36	1.253	44.68	41.14	12
1000:	49.73	1.341	52.61	48.51	11
1200:	65.88	1.459	69.13	64.30	11
1500:	91.92	1.267	94.20	90.27	10
2000:	145.95	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JANUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1479	3.0	1485	1476	13
10:	1479	2.9	1485	1476	13
20:	1479	2.9	1485	1476	13
30:	1479	2.8	1485	1477	13
50:	1480	2.7	1485	1477	13
75:	1479	2.0	1483	1476	13
100:	1477	3.2	1482	1471	13
125:	1476	2.8	1481	1471	13
150:	1476	2.2	1480	1473	13
175:	1476	2.2	1480	1474	13
200:	1476	2.5	1480	1473	13
225:	1475	2.4	1480	1472	13
250:	1475	2.3	1479	1472	13
300:	1474	2.4	1479	1472	13
400:	1473	1.9	1478	1472	13
500:	1474	1.3	1477	1473	13
600:	1474	1.0	1477	1474	13
700:	1475	.7	1477	1475	13
800:	1476	.8	1478	1476	12
900:	1477	.5	1478	1477	12
1000:	1478	.5	1479	1478	11
1200:	1480	.5	1481	1480	11
1500:	1484	.0	1484	1484	10
2000:	1491	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.331	.3169	12.990	12.042	11
10:	12.064	.3118	12.722	11.778	11
20:	11.797	.3077	12.454	11.501	11
30:	11.530	.3032	12.186	11.223	11
50:	10.995	.2952	11.650	10.668	11
75:	10.330	.2910	10.978	9.999	11
100:	9.729	.2760	10.306	9.451	11
125:	9.216	.2745	9.726	8.959	11
150:	8.786	.2632	9.322	8.548	11
175:	8.402	.2496	8.940	8.165	11
200:	8.043	.2372	8.571	7.816	11
225:	7.700	.2266	8.212	7.485	11
250:	7.368	.2162	7.859	7.170	11
300:	6.727	.1962	7.177	6.545	11
400:	5.532	.1571	5.896	5.390	11
500:	4.436	.1209	4.723	4.319	11
600:	3.420	.0901	3.642	3.329	11
700:	2.480	.0637	2.635	2.409	11
800:	1.601	.0393	1.696	1.552	11
900:	.776	.0176	.819	.756	11
1000:	.000	.0000	.000	.000	11
1200:	-1.440	.0209	-1.410	-1.475	11
1500:	-3.355	.0421	-3.302	-3.437	10
2000:	-6.345	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

FEBRUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.09	1.099	8.30	5.28	10
10:	7.06	1.132	8.26	5.25	10
20:	7.06	1.129	8.26	5.25	10
30:	7.06	1.129	8.29	5.26	10
50:	7.05	1.133	8.32	5.26	10
75:	6.97	1.058	8.14	5.27	10
100:	6.58	.762	7.72	5.32	10
125:	6.41	.427	7.02	5.80	10
150:	6.28	.418	6.89	5.70	10
175:	6.12	.407	6.76	5.54	10
200:	5.91	.405	6.64	5.41	10
225:	5.65	.438	6.57	5.07	10
250:	5.40	.449	6.40	4.75	10
300:	5.01	.472	6.19	4.39	10
400:	4.37	.188	4.58	3.98	9
500:	4.13	.131	4.32	3.90	8
600:	3.87	.112	4.05	3.68	8
700:	3.69	.091	3.77	3.48	8
800:	3.46	.075	3.54	3.32	8
900:	3.26	.077	3.41	3.15	8
1000:	3.07	.062	3.21	2.99	8
1200:	2.7[illegible]	.059	2.86	2.66	8
1500:	2.3[illegible]	.035	2.42	2.32	7
2000:	2.0	----- N/A -----			1
2500:	1.7	----- N/A -----			1
3000:	1.6	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.528	.0703	32.650	32.408	10
10:	32.520	.0639	32.617	32.412	10
20:	32.522	.0642	32.617	32.415	10
30:	32.521	.0656	32.620	32.415	10
50:	32.525	.0650	32.618	32.419	10
75:	32.604	.2751	33.370	32.425	10
100:	32.824	.3866	33.862	32.536	10
125:	33.370	.2737	33.915	33.076	10
150:	33.630	.1598	33.932	33.370	10
175:	33.778	.0944	33.940	33.581	10
200:	33.839	.0701	33.960	33.675	10
225:	33.861	.0612	33.960	33.715	10
250:	33.881	.0582	33.970	33.748	10
300:	33.909	.0456	33.985	33.817	10
400:	33.999	.0460	34.104	33.927	9
500:	34.092	.0333	34.160	34.059	8
600:	34.162	.0290	34.203	34.119	8
700:	34.222	.0350	34.270	34.174	8
800:	34.284	.0297	34.340	34.247	8
900:	34.329	.0232	34.370	34.297	8
1000:	34.370	.0192	34.397	34.336	8
1200:	34.434	.0186	34.460	34.407	8
1500:	34.502	.0231	34.531	34.471	7
2000:	34.592	----- N/A -----			1
2500:	34.638	----- N/A -----			1
3000:	34.662	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.480	.1612	25.718	25.233	10
10:	25.479	.1605	25.715	25.243	10
20:	25.478	.1626	25.729	25.244	10
30:	25.478	.1614	25.714	25.245	10
50:	25.482	.1637	25.718	25.248	10
75:	25.555	.2364	26.062	25.257	10
100:	25.763	.2971	26.524	25.474	10
125:	26.236	.1820	26.583	26.044	10
150:	26.457	.0931	26.614	26.325	10
175:	26.595	.0580	26.704	26.512	10
200:	26.669	.0487	26.754	26.602	10
225:	26.718	.0412	26.792	26.672	10
250:	26.763	.0420	26.847	26.710	10
300:	26.831	.0395	26.876	26.750	10
400:	26.974	.0325	27.050	26.950	9
500:	27.077	.0243	27.120	27.043	8
600:	27.156	.0217	27.191	27.132	8
700:	27.227	.0273	27.268	27.189	8
800:	27.294	.0225	27.336	27.263	8
900:	27.348	.0221	27.386	27.308	8
1000:	27.398	.0191	27.423	27.358	8
1200:	27.479	.0185	27.506	27.447	8
1500:	27.567	.0191	27.592	27.543	7
2000:	27.667	----- N/A -----			1
2500:	27.725	----- N/A -----			1
3000:	27.754	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	251.0	15.33	274.5	228.4	10
10:	251.3	15.32	273.7	228.7	10
20:	251.4	15.49	273.7	227.6	10
30:	251.6	15.42	273.8	229.0	10
50:	251.5	15.67	273.9	228.9	10
75:	244.8	22.53	273.3	196.8	10
100:	223.5	28.17	253.0	153.4	10
125:	180.8	17.19	198.9	148.1	10
150:	160.1	8.77	172.4	145.4	10
175:	147.3	5.52	155.0	136.8	10
200:	140.6	4.69	147.0	132.3	10
225:	136.1	4.01	140.1	128.9	10
250:	132.0	4.10	137.6	123.9	10
300:	125.9	4.00	134.4	121.5	10
400:	112.8	3.11	115.3	105.7	9
500:	104.2	2.29	107.1	99.9	8
600:	96.9	2.06	99.3	93.6	8
700:	90.7	2.55	94.2	86.8	8
800:	84.8	2.09	87.8	80.9	8
900:	80.0	2.15	84.1	76.4	8
1000:	75.6	1.90	79.7	73.2	8
1200:	68.4	1.89	71.8	65.6	8
1500:	60.6	1.82	63.0	58.1	7
2000:	52.0	----- N/A -----			1
2500:	47.1	----- N/A -----			1
3000:	45.2	----- N/A -----			1

FEBRUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.09	1.099	8.30	5.28	10
10:	7.06	1.132	8.26	5.25	10
20:	7.06	1.127	8.26	5.25	10
30:	7.06	1.128	8.28	5.26	10
50:	7.05	1.130	8.31	5.26	10
75:	6.97	1.059	8.14	5.26	10
100:	6.57	.761	7.71	5.31	10
125:	6.40	.427	7.01	5.79	10
150:	6.27	.417	6.88	5.69	10
175:	6.10	.404	6.74	5.52	10
200:	5.89	.405	6.62	5.39	10
225:	5.63	.438	6.55	5.05	10
250:	5.38	.449	6.38	4.73	10
300:	4.99	.468	6.16	4.37	10
400:	4.34	.188	4.55	3.95	9
500:	4.09	.132	4.28	3.86	8
600:	3.82	.112	4.01	3.64	8
700:	3.59	.090	3.72	3.43	8
800:	3.40	.076	3.49	3.26	8
900:	3.19	.079	3.35	3.08	8
1000:	3.00	.062	3.14	2.92	8
1200:	2.66	.059	2.78	2.58	8
1500:	2.25	.035	2.32	2.22	7
2000:	1.86	----- N/A -----			1
2500:	1.55	----- N/A -----			1
3000:	1.38	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	251.0	15.33	274.5	228.4	10
10:	251.2	15.28	273.5	228.6	10
20:	251.1	15.46	273.4	227.3	10
30:	251.1	15.36	273.3	228.7	10
50:	250.8	15.55	273.0	228.4	10
75:	243.8	22.47	272.1	195.6	10
100:	222.1	28.21	251.4	151.7	10
125:	179.0	17.31	197.3	146.0	10
150:	158.1	8.89	170.6	143.1	10
175:	148.9	5.51	152.8	139.5	10
200:	137.9	4.63	144.3	129.8	10
225:	133.2	3.90	137.5	126.2	10
250:	128.9	3.95	133.9	121.0	10
300:	122.4	3.74	130.1	118.1	10
400:	108.8	3.08	111.1	101.6	9
500:	99.3	2.31	102.2	94.9	8
600:	91.4	2.05	93.8	88.2	8
700:	84.7	2.58	88.3	80.8	8
800:	78.3	2.13	81.2	74.3	8
900:	73.1	2.09	76.9	69.5	8
1000:	68.3	1.80	72.1	66.0	8
1200:	60.5	1.75	63.6	58.0	8
1500:	52.2	1.82	54.9	49.8	7
2000:	42.4	----- N/A -----			1
2500:	36.8	----- N/A -----			1
3000:	33.8	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	10
10:	.25	.014	.27	.23	10
20:	.50	.028	.55	.46	10
30:	.76	.043	.82	.69	10
50:	1.26	.078	1.37	1.14	10
75:	1.88	.110	2.05	1.72	10
100:	2.48	.147	2.68	2.29	10
125:	2.98	.179	3.20	2.71	10
150:	3.41	.206	3.64	3.07	10
175:	3.79	.216	4.03	3.43	10
200:	4.15	.217	4.39	3.79	10
225:	4.49	.216	4.72	4.14	10
250:	4.83	.214	5.05	4.48	10
300:	5.47	.204	5.68	5.16	10
400:	6.70	.184	6.88	6.37	9
500:	7.77	.206	7.98	7.39	8
600:	8.78	.212	9.01	8.37	8
700:	9.72	.229	9.95	9.25	8
800:	10.58	.242	10.82	10.08	8
900:	11.41	.252	11.65	10.88	8
1000:	12.19	.261	12.43	11.63	8
1200:	13.62	.294	13.88	12.99	8
1500:	15.51	.342	15.82	14.83	7
2000:	18.48	----- N/A -----			1
2500:	20.95	----- N/A -----			1
3000:	23.23	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	10
10:	.01	.000	.01	.01	10
20:	.05	.004	.06	.05	10
30:	.12	.009	.13	.10	10
50:	.32	.020	.35	.29	10
75:	.72	.042	.79	.66	10
100:	1.25	.089	1.37	1.09	10
125:	1.82	.141	1.98	1.52	10
150:	2.42	.176	2.60	2.04	10
175:	3.05	.199	3.24	2.63	10
200:	3.74	.209	3.94	3.31	10
225:	4.49	.214	4.70	4.07	10
250:	5.30	.216	5.52	4.91	10
300:	7.11	.201	7.35	6.77	10
400:	11.38	.262	11.61	10.80	9
500:	16.31	.376	16.62	15.48	8
600:	21.97	.467	22.46	21.00	8
700:	28.20	.673	29.11	26.87	8
800:	34.84	.800	35.70	33.15	8
900:	41.99	.939	43.13	40.05	8
1000:	49.51	1.096	51.07	47.34	8
1200:	65.56	1.529	68.00	62.57	8
1500:	91.97	2.330	95.79	88.00	7
2000:	141.87	----- N/A -----			1
2500:	198.36	----- N/A -----			1
3000:	262.46	----- N/A -----			1

FEBRUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.72	----- N/A -----			1
10:	6.76	----- N/A -----			1
20:	6.77	----- N/A -----			1
30:	6.69	----- N/A -----			1
50:	6.74	----- N/A -----			1
75:	6.74	----- N/A -----			1
100:	6.71	----- N/A -----			1
125:	5.66	----- N/A -----			1
150:	4.64	----- N/A -----			1
175:	4.23	----- N/A -----			1
200:	3.81	----- N/A -----			1
225:	3.73	----- N/A -----			1
250:	3.66	----- N/A -----			1
300:	2.88	----- N/A -----			1
400:	1.82	----- N/A -----			1
500:	1.01	----- N/A -----			1
600:	.80	----- N/A -----			1
700:	.63	----- N/A -----			1
800:	.53	----- N/A -----			1
900:	.50	----- N/A -----			1
1000:	.47	----- N/A -----			1
1200:	.50	----- N/A -----			1
1500:	.68	----- N/A -----			1
2000:	1.30	----- N/A -----			1
2500:	1.98	----- N/A -----			1
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1475	4.3	1481	1469	10
10:	1476	4.4	1481	1469	10
20:	1476	4.6	1481	1469	10
30:	1476	4.6	1481	1469	10
50:	1476	4.4	1482	1470	10
75:	1476	4.3	1481	1470	10
100:	1476	3.2	1480	1471	10
125:	1476	2.0	1480	1474	10
150:	1476	2.0	1480	1474	10
175:	1476	1.9	1480	1474	10
200:	1476	1.9	1480	1474	10
225:	1475	2.0	1480	1473	10
250:	1475	1.9	1479	1472	10
300:	1474	1.8	1479	1472	10
400:	1473	.7	1474	1472	9
500:	1474	.7	1475	1473	8
600:	1475	.5	1476	1474	8
700:	1475	.5	1476	1475	8
800:	1476	.5	1477	1476	8
900:	1477	.5	1478	1477	8
1000:	1478	.5	1479	1478	8
1200:	1480	.5	1481	1480	8
1500:	1484	.0	1484	1484	7
2000:	1491	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.188	.2620	12.432	11.630	8
10:	11.937	.2554	12.158	11.385	8
20:	11.685	.2497	11.900	11.140	8
30:	11.433	.2456	11.643	10.892	8
50:	10.931	.2371	11.128	10.406	8
75:	10.301	.2361	10.536	9.788	8
100:	9.688	.2245	9.970	9.220	8
125:	9.175	.2101	9.465	8.755	8
150:	8.747	.1994	9.036	8.362	8
175:	8.363	.1893	8.639	8.005	8
200:	8.004	.1802	8.263	7.663	8
225:	7.662	.1662	7.895	7.346	8
250:	7.328	.1571	7.546	7.029	8
300:	6.690	.1556	6.913	6.394	8
400:	5.503	.1265	5.670	5.264	8
500:	4.421	.1040	4.578	4.249	8
600:	3.410	.0841	3.535	3.260	8
700:	2.471	.0510	2.538	2.375	8
800:	1.603	.0371	1.678	1.551	8
900:	.778	.0198	.821	.754	8
1000:	.000	.0007	.002	.000	8
1200:	-1.430	.0439	-1.355	-1.511	8
1500:	-3.357	.1047	-3.202	-3.531	7
2000:	-6.152	----- N/A -----			1
2500:	-8.614	----- N/A -----			1
3000:	-10.900	----- N/A -----			1

MARCH

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.97	.687	8.22	6.20	7
10:	7.00	.685	8.22	6.07	7
20:	6.98	.683	8.22	6.02	7
30:	6.97	.706	8.22	5.92	7
50:	6.92	.746	8.21	5.74	7
75:	6.88	.751	8.18	5.66	7
100:	6.61	.636	7.65	5.51	7
125:	6.47	.465	7.14	5.71	7
150:	6.31	.311	6.80	5.96	7
175:	6.18	.277	6.53	5.85	7
200:	5.92	.318	6.33	5.52	7
225:	5.62	.315	6.05	5.21	7
250:	5.34	.299	5.77	4.97	7
300:	4.91	.211	5.17	4.67	7
400:	4.42	.124	4.65	4.32	7
500:	4.08	.058	4.19	4.03	6
600:	3.84	.065	3.96	3.77	6
700:	3.67	.053	3.77	3.62	6
800:	3.46	.049	3.54	3.40	6
900:	3.25	.035	3.31	3.22	6
1000:	3.07	.024	3.11	3.05	6
1200:	2.72	.039	2.78	2.67	6
1500:	2.32	.040	2.39	2.29	5
2000:	1.96	.035	1.99	1.92	3
2500:	1.72	.035	1.75	1.70	2
3000:	1.60	.014	1.61	1.59	2

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.566	.0765	32.671	32.460	7
10:	32.555	.0742	32.657	32.480	7
20:	32.555	.0739	32.659	32.480	7
30:	32.557	.0735	32.659	32.480	7
50:	32.557	.0740	32.656	32.480	7
75:	32.572	.0659	32.661	32.498	7
100:	32.846	.1721	33.160	32.620	7
125:	33.286	.3141	33.700	32.890	7
150:	33.637	.1677	33.860	33.410	7
175:	33.824	.0504	33.904	33.754	7
200:	33.872	.0351	33.920	33.826	7
225:	33.893	.0328	33.940	33.858	7
250:	33.901	.0330	33.953	33.864	7
300:	33.932	.0377	33.980	33.870	7
400:	34.010	.0157	34.030	33.990	7
500:	34.085	.0237	34.112	34.061	6
600:	34.169	.0183	34.194	34.144	6
700:	34.230	.0201	34.263	34.213	6
800:	34.288	.0149	34.308	34.270	6
900:	34.333	.0165	34.349	34.309	6
1000:	34.373	.0167	34.393	34.350	6
1200:	34.438	.0148	34.450	34.410	6
1500:	34.507	.0151	34.524	34.488	5
2000:	34.601	.0081	34.608	34.592	3
2500:	34.640	.0031	34.641	34.640	2
3000:	34.662	.0104	34.669	34.655	2

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.529	.1386	25.672	25.289	7
10:	25.517	.1378	25.651	25.289	7
20:	25.519	.1349	25.651	25.289	7
30:	25.523	.1372	25.666	25.289	7
50:	25.529	.1415	25.691	25.293	7
75:	25.546	.1355	25.706	25.309	7
100:	25.797	.1048	25.904	25.633	7
125:	26.163	.2323	26.399	25.816	7
150:	26.459	.1261	26.571	26.284	7
175:	26.624	.0554	26.697	26.524	7
200:	26.695	.0431	26.748	26.614	7
225:	26.747	.0329	26.791	26.689	7
250:	26.788	.0300	26.829	26.739	7
300:	26.862	.0276	26.895	26.821	7
400:	26.978	.0201	27.004	26.951	7
500:	27.073	.0151	27.093	27.056	6
600:	27.160	.0107	27.172	27.149	6
700:	27.230	.0115	27.246	27.219	6
800:	27.296	.0086	27.305	27.283	6
900:	27.352	.0112	27.363	27.336	6
1000:	27.401	.0130	27.416	27.383	6
1200:	27.484	.0120	27.496	27.462	6
1500:	27.573	.0119	27.589	27.558	5
2000:	27.677	.0084	27.686	27.669	3
2500:	27.727	.0026	27.729	27.725	2
3000:	27.753	.0079	27.759	27.748	2

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	246.3	13.17	269.2	232.8	7
10:	247.6	13.09	269.3	234.9	7
20:	247.6	12.85	269.5	235.0	7
30:	247.3	13.09	269.6	233.6	7
50:	247.0	13.50	269.5	231.4	7
75:	245.7	12.99	268.4	230.3	7
100:	222.2	9.93	237.7	212.3	7
125:	187.8	22.00	220.7	165.6	7
150:	160.0	11.93	176.5	149.6	7
175:	144.7	5.34	154.3	137.6	7
200:	138.2	4.19	146.0	133.1	7
225:	133.4	3.21	139.0	129.0	7
250:	129.6	2.94	134.5	125.6	7
300:	122.9	2.63	126.9	119.7	7
400:	112.5	2.02	115.3	109.2	7
500:	104.1	1.40	105.7	102.2	6
600:	96.5	.98	97.5	95.5	6
700:	90.4	.99	91.4	89.1	6
800:	84.6	.74	85.8	84.2	6
900:	79.7	1.01	81.1	78.5	6
1000:	75.4	1.21	77.0	73.9	6
1200:	67.9	1.18	70.0	66.7	6
1500:	59.9	1.12	61.2	58.3	5
2000:	50.9	.89	51.6	49.2	3
2500:	46.9	.42	47.2	46.6	2
3000:	45.2	.85	45.8	44.6	2

MARCH

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.97	.687	8.22	6.20	7
10:	7.00	.684	8.22	6.07	7
20:	6.98	.683	8.22	6.02	7
30:	6.97	.706	8.22	5.92	7
50:	6.92	.743	8.20	5.74	7
75:	6.87	.751	8.17	5.65	7
100:	6.60	.633	7.64	5.51	7
125:	6.45	.465	7.13	5.70	7
150:	6.30	.311	6.79	5.95	7
175:	6.16	.273	6.51	5.84	7
200:	5.90	.316	6.31	5.51	7
225:	5.60	.315	6.03	5.19	7
250:	5.32	.299	5.75	4.95	7
300:	4.89	.209	5.15	4.65	7
400:	4.39	.124	4.62	4.29	7
500:	4.04	.056	4.15	4.00	6
600:	3.80	.065	3.92	3.73	6
700:	3.62	.053	3.72	3.57	6
800:	3.41	.046	3.48	3.35	6
900:	3.19	.035	3.25	3.16	6
1000:	3.00	.024	3.04	2.98	6
1200:	2.64	.040	2.69	2.58	6
1500:	2.22	.040	2.29	2.19	5
2000:	1.82	.036	1.85	1.78	3
2500:	1.55	.028	1.57	1.53	2
3000:	1.37	.007	1.38	1.37	2

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	246.3	13.17	269.2	232.8	7
10:	247.5	13.10	269.2	234.8	7
20:	247.3	12.85	269.2	234.7	7
30:	246.9	13.04	269.1	233.3	7
50:	246.3	13.43	268.7	230.9	7
75:	244.6	12.90	267.2	229.4	7
100:	220.8	9.94	236.3	210.6	7
125:	186.0	22.05	218.9	163.6	7
150:	157.8	11.98	174.5	147.2	7
175:	142.2	5.26	151.6	135.2	7
200:	135.4	4.09	143.1	130.4	7
225:	130.5	3.10	135.9	126.3	7
250:	126.6	2.83	131.2	122.7	7
300:	119.5	2.62	123.4	116.4	7
400:	108.4	1.94	111.0	105.9	7
500:	99.3	1.42	101.0	97.5	6
600:	91.1	1.04	92.2	90.0	6
700:	84.4	1.08	85.4	82.8	6
800:	78.1	.79	79.3	77.3	6
900:	72.8	1.06	74.3	71.7	6
1000:	68.0	1.23	69.7	66.6	6
1200:	60.1	1.13	62.2	59.0	6
1500:	51.6	1.16	53.0	50.0	5
2000:	41.5	.75	42.2	40.7	3
2500:	36.6	.28	36.8	36.4	2
3000:	33.7	.78	34.3	33.2	2

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	7
10:	.25	.013	.27	.23	7
20:	.50	.025	.54	.47	7
30:	.74	.039	.81	.70	7
50:	1.24	.063	1.35	1.18	7
75:	1.86	.095	2.02	1.76	7
100:	2.45	.112	2.62	2.31	7
125:	2.95	.115	3.09	2.82	7
150:	3.39	.132	3.56	3.22	7
175:	3.77	.146	3.97	3.59	7
200:	4.12	.151	4.31	3.94	7
225:	4.46	.154	4.64	4.27	7
250:	4.79	.160	4.99	4.60	7
300:	5.42	.167	5.64	5.22	7
400:	6.60	.181	6.85	6.37	7
500:	7.69	.197	7.93	7.43	6
600:	8.70	.194	8.92	8.42	6
700:	9.63	.196	9.85	9.35	6
800:	10.51	.197	10.71	10.22	6
900:	11.33	.203	11.53	11.03	6
1000:	12.10	.212	12.31	11.79	6
1200:	13.53	.235	13.75	13.19	6
1500:	15.40	.263	15.66	15.08	5
2000:	18.05	.335	18.44	17.86	3
2500:	20.28	.049	20.32	20.25	2
3000:	22.57	.071	22.62	22.52	2

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	7
10:	.01	.000	.01	.01	7
20:	.05	.000	.05	.05	7
30:	.11	.005	.12	.11	7
50:	.32	.016	.34	.30	7
75:	.71	.033	.77	.68	7
100:	1.23	.052	1.31	1.16	7
125:	1.82	.069	1.92	1.73	7
150:	2.43	.115	2.62	2.29	7
175:	3.06	.144	3.28	2.90	7
200:	3.73	.158	3.94	3.56	7
225:	4.46	.167	4.71	4.29	7
250:	5.26	.178	5.54	5.06	7
300:	7.03	.197	7.37	6.78	7
400:	11.22	.250	11.67	10.87	7
500:	16.20	.296	16.64	15.76	6
600:	21.81	.317	22.21	21.32	6
700:	27.99	.324	28.32	27.45	6
800:	34.68	.348	35.01	34.09	6
900:	41.80	.400	42.22	41.13	6
1000:	49.28	.489	49.83	48.51	6
1200:	65.29	.768	66.22	64.23	6
1500:	91.36	1.194	93.06	90.18	5
2000:	139.91	1.475	141.49	138.57	3
2500:	194.67	1.831	195.97	193.38	2
3000:	258.86	2.581	260.69	257.04	2

MARCH

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.99	.198	7.13	6.85	2
10:	6.96	.120	7.05	6.88	2
20:	6.96	.085	7.02	6.90	2
30:	6.94	.099	7.01	6.87	2
50:	6.96	.148	7.07	6.86	2
75:	6.97	.148	7.08	6.87	2
100:	6.45	.354	6.70	6.20	2
125:	5.04	.233	5.21	4.88	2
150:	4.17	.021	4.19	4.16	2
175:	3.89	.247	4.07	3.72	2
200:	3.67	.396	3.95	3.39	2
225:	3.30	.474	3.64	2.97	2
250:	2.97	.552	3.36	2.58	2
300:	2.32	.481	2.66	1.98	2
400:	1.59	.247	1.77	1.42	2
500:	1.04	.071	1.09	.99	2
600:	.76	.028	.78	.74	2
700:	.53	.000	.53	.53	2
800:	.41	.007	.42	.41	2
900:	.40	.035	.43	.38	2
1000:	.40	.064	.45	.36	2
1200:	.48	.042	.51	.45	2
1500:	.71	.021	.73	.70	2
2000:	1.42	.064	1.47	1.38	2
2500:	1.97	.064	2.02	1.93	2
3000:	2.50	.071	2.55	2.45	2

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1475	2.4	1480	1473	7
10:	1476	2.8	1481	1472	7
20:	1476	2.7	1481	1472	7
30:	1476	2.7	1481	1472	7
50:	1476	2.7	1481	1472	7
75:	1476	3.0	1482	1472	7
100:	1476	2.6	1481	1472	7
125:	1476	2.1	1480	1473	7
150:	1477	1.3	1479	1475	7
175:	1477	1.1	1479	1476	7
200:	1476	1.3	1478	1475	7
225:	1475	1.4	1478	1474	7
250:	1475	1.2	1477	1474	7
300:	1474	1.0	1475	1473	7
400:	1473	.8	1475	1473	7
500:	1474	.4	1475	1474	6
600:	1475	.0	1475	1475	6
700:	1476	.0	1476	1476	6
800:	1476	.4	1477	1476	6
900:	1477	.5	1478	1477	6
1000:	1478	.5	1479	1478	6
1200:	1480	.4	1481	1480	6
1500:	1484	.0	1484	1484	5
2000:	1490	.6	1491	1490	3
2500:	1498	.0	1498	1498	2
3000:	1506	.0	1506	1506	2

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.100	.2113	12.308	11.792	6
10:	11.851	.2015	12.061	11.558	6
20:	11.601	.1914	11.811	11.323	6
30:	11.351	.1816	11.560	11.088	6
50:	10.851	.1637	11.060	10.616	6
75:	10.227	.1453	10.436	10.027	6
100:	9.633	.1317	9.822	9.435	6
125:	9.123	.1161	9.274	8.933	6
150:	8.694	.1086	8.801	8.526	6
175:	8.317	.1051	8.426	8.170	6
200:	7.966	.0964	8.071	7.832	6
225:	7.627	.0896	7.727	7.505	6
250:	7.298	.0833	7.394	7.187	6
300:	6.667	.0725	6.758	6.574	6
400:	5.488	.0513	5.555	5.426	6
500:	4.404	.0387	4.455	4.362	6
600:	3.403	.0295	3.441	3.370	6
700:	2.470	.0236	2.502	2.443	6
800:	1.594	.0165	1.618	1.575	6
900:	.773	.0097	.786	.762	6
1000:	.000	.0000	.000	.000	6
1200:	-1.428	.0265	-1.401	-1.461	6
1500:	-3.331	.0634	-3.263	-3.428	5
2000:	-6.058	.0805	-5.973	-6.133	3
2500:	-8.441	.1153	-8.360	-8.523	2
3000:	-10.730	.1421	-10.630	-10.831	2

APRIL

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.53	.732	7.70	5.65	11
10:	6.41	.639	7.71	5.65	11
20:	6.38	.610	7.70	5.65	11
30:	6.35	.598	7.70	5.65	11
50:	6.26	.610	7.69	5.61	11
75:	6.15	.528	7.39	5.55	11
100:	6.05	.545	7.17	5.40	11
125:	5.91	.398	6.83	5.50	11
150:	5.79	.385	6.71	5.30	11
175:	5.62	.439	6.60	5.02	11
200:	5.41	.467	6.45	4.78	11
225:	5.19	.487	6.27	4.59	11
250:	5.00	.494	6.12	4.43	11
300:	4.64	.453	5.74	4.17	11
400:	4.19	.304	4.87	3.93	10
500:	4.01	.250	4.41	3.73	7
600:	3.78	.182	4.10	3.58	7
700:	3.59	.178	3.90	3.43	7
800:	3.40	.155	3.64	3.25	7
900:	3.22	.122	3.41	3.12	7
1000:	3.07	.109	3.24	2.96	7
1200:	2.76	.068	2.88	2.70	7
1500:	2.39	.031	2.42	2.34	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.564	.0580	32.670	32.468	11
10:	32.567	.0621	32.681	32.471	11
20:	32.568	.0609	32.678	32.471	11
30:	32.568	.0603	32.674	32.470	11
50:	32.578	.0591	32.680	32.471	11
75:	32.596	.0637	32.682	32.479	11
100:	32.769	.3080	33.637	32.569	11
125:	33.294	.2565	33.750	32.911	11
150:	33.634	.1022	33.810	33.500	11
175:	33.763	.0558	33.858	33.702	11
200:	33.810	.0489	33.895	33.740	11
225:	33.837	.0407	33.900	33.781	11
250:	33.859	.0343	33.910	33.806	11
300:	33.897	.0282	33.934	33.839	11
400:	33.989	.0406	34.065	33.918	10
500:	34.090	.0391	34.140	34.043	7
600:	34.164	.0310	34.201	34.117	7
700:	34.229	.0285	34.258	34.176	7
800:	34.292	.0292	34.330	34.234	7
900:	34.339	.0255	34.366	34.286	7
1000:	34.377	.0239	34.409	34.330	7
1200:	34.445	.0245	34.479	34.404	7
1500:	34.512	.0155	34.533	34.491	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.584	.1303	25.780	25.358	11
10:	25.603	.1224	25.780	25.355	11
20:	25.609	.1198	25.780	25.357	11
30:	25.612	.1185	25.780	25.356	11
50:	25.631	.1203	25.792	25.358	11
75:	25.659	.1125	25.800	25.403	11
100:	25.807	.2236	26.383	25.508	11
125:	26.239	.1732	26.480	25.974	11
150:	26.522	.0588	26.607	26.418	11
175:	26.644	.0385	26.711	26.590	11
200:	26.706	.0400	26.762	26.625	11
225:	26.754	.0400	26.813	26.672	11
250:	26.792	.0408	26.843	26.699	11
300:	26.864	.0457	26.906	26.755	11
400:	26.985	.0374	27.025	26.911	10
500:	27.084	.0403	27.137	27.024	7
600:	27.166	.0378	27.211	27.111	7
700:	27.236	.0367	27.275	27.178	7
800:	27.305	.0355	27.350	27.242	7
900:	27.360	.0291	27.390	27.299	7
1000:	27.404	.0273	27.440	27.351	7
1200:	27.486	.0246	27.519	27.442	7
1500:	27.571	.0141	27.592	27.552	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	241.1	12.37	262.9	222.5	11
10:	239.4	11.65	263.0	222.6	11
20:	239.0	11.41	263.0	222.7	11
30:	238.8	11.30	263.2	222.8	11
50:	237.2	11.49	263.3	221.9	11
75:	234.8	10.77	259.4	221.4	11
100:	221.0	21.20	249.7	166.6	11
125:	180.4	16.34	205.4	157.8	11
150:	153.8	5.56	163.7	145.8	11
175:	142.5	3.76	148.0	136.0	11
200:	136.9	3.95	145.0	131.4	11
225:	132.5	4.00	140.8	126.7	11
250:	129.0	4.12	138.5	124.0	11
300:	122.5	4.61	133.6	118.3	11
400:	111.7	3.70	119.3	107.7	10
500:	103.0	4.02	109.2	97.7	7
600:	95.8	3.77	101.4	91.3	7
700:	89.7	3.73	95.5	85.8	7
800:	83.7	3.57	89.9	79.2	7
900:	78.9	2.95	85.0	75.8	7
1000:	75.0	2.77	80.4	71.5	7
1200:	67.9	2.42	72.2	64.6	7
1500:	60.3	1.38	62.2	58.2	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

APRIL

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.53	.732	7.70	5.65	11
10:	6.41	.639	7.71	5.65	11
20:	6.38	.610	7.70	5.65	11
30:	6.35	.598	7.70	5.65	11
50:	6.26	.610	7.69	5.61	11
75:	6.14	.527	7.38	5.54	11
100:	6.05	.544	7.16	5.40	11
125:	5.90	.398	6.82	5.49	11
150:	5.78	.384	6.70	5.29	11
175:	5.61	.437	6.58	5.00	11
200:	5.40	.468	6.43	4.76	11
225:	5.17	.487	6.25	4.58	11
250:	4.98	.494	6.10	4.41	11
300:	4.61	.450	5.71	4.15	11
400:	4.16	.302	4.83	3.90	10
500:	3.97	.250	4.37	3.69	7
600:	3.74	.182	4.05	3.53	7
700:	3.55	.177	3.85	3.38	7
800:	3.34	.154	3.58	3.19	7
900:	3.16	.122	3.35	3.06	7
1000:	3.00	.109	3.17	2.89	7
1200:	2.68	.069	2.80	2.61	7
1500:	2.28	.032	2.32	2.23	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	241.1	12.37	262.9	222.5	11
10:	239.2	11.62	262.8	222.5	11
20:	238.7	11.40	262.7	222.5	11
30:	238.4	11.27	262.8	222.5	11
50:	236.5	11.42	262.5	221.3	11
75:	233.9	10.70	258.3	220.5	11
100:	219.8	21.25	248.3	165.1	11
125:	178.8	16.46	204.0	155.8	11
150:	151.9	5.61	161.8	143.8	11
175:	140.3	3.65	145.4	133.9	11
200:	134.4	3.77	142.0	129.1	11
225:	129.8	3.76	137.5	124.2	11
250:	126.2	3.85	134.9	121.4	11
300:	119.4	4.32	129.6	115.3	11
400:	107.8	3.55	114.8	104.0	10
500:	98.4	3.81	104.0	93.4	7
600:	90.5	3.57	95.7	86.3	7
700:	83.8	3.47	89.3	80.1	7
800:	77.3	3.35	83.2	73.0	7
900:	72.0	2.75	77.8	69.2	7
1000:	67.7	2.58	72.8	64.4	7
1200:	59.9	2.29	64.0	56.8	7
1500:	51.7	1.30	53.5	49.8	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.24	.012	.26	.22	11
20:	.48	.024	.53	.45	11
30:	.72	.035	.79	.67	11
50:	1.20	.058	1.32	1.11	11
75:	1.79	.085	1.97	1.67	11
100:	2.36	.120	2.63	2.21	11
125:	2.86	.140	3.18	2.61	11
150:	3.28	.151	3.63	3.00	11
175:	3.65	.152	4.01	3.38	11
200:	3.99	.153	4.37	3.74	11
225:	4.33	.154	4.72	4.10	11
250:	4.66	.157	5.06	4.44	11
300:	5.28	.161	5.71	5.09	11
400:	6.46	.169	6.91	6.35	10
500:	7.54	.215	8.02	7.42	7
600:	8.54	.240	9.06	8.37	7
700:	9.46	.272	10.04	9.24	7
800:	10.33	.299	10.96	10.08	7
900:	11.14	.334	11.84	10.84	7
1000:	11.91	.359	12.66	11.58	7
1200:	13.34	.416	14.19	12.91	7
1500:	15.24	.454	16.20	14.80	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.01	.000	.01	.01	11
20:	.05	.000	.05	.05	11
30:	.11	.005	.12	.10	11
50:	.30	.016	.34	.28	11
75:	.68	.033	.75	.64	11
100:	1.19	.067	1.34	1.08	11
125:	1.77	.098	1.97	1.55	11
150:	2.35	.120	2.59	2.09	11
175:	2.96	.128	3.23	2.71	11
200:	3.62	.131	3.92	3.41	11
225:	4.35	.135	4.67	4.18	11
250:	5.14	.141	5.49	5.01	11
300:	6.89	.174	7.32	6.70	11
400:	11.09	.272	11.62	10.79	10
500:	16.02	.481	16.69	15.51	7
600:	21.59	.677	22.49	20.81	7
700:	27.71	.910	28.98	26.60	7
800:	34.35	1.156	36.07	33.04	7
900:	41.38	1.431	43.64	39.64	7
1000:	48.81	1.699	51.65	46.75	7
1200:	64.84	2.357	68.75	61.68	7
1500:	90.97	2.805	96.36	87.56	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

APRIL

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1474	2.7	1478	1471	11
10:	1473	2.6	1479	1471	11
20:	1473	2.5	1479	1471	11
30:	1473	2.4	1479	1471	11
50:	1473	2.4	1479	1471	11
75:	1473	1.9	1478	1471	11
100:	1474	2.2	1478	1471	11
125:	1474	1.9	1479	1473	11
150:	1474	1.7	1479	1473	11
175:	1474	2.1	1479	1472	11
200:	1474	2.1	1479	1472	11
225:	1473	1.9	1478	1471	11
250:	1473	2.1	1478	1471	11
300:	1473	1.7	1477	1471	11
400:	1472	1.3	1476	1472	10
500:	1473	.9	1475	1473	7
600:	1474	.8	1476	1474	7
700:	1475	.8	1477	1475	7
800:	1476	.5	1477	1476	7
900:	1477	.5	1478	1477	7
1000:	1478	.5	1479	1478	7
1200:	1480	.5	1481	1480	7
1500:	1484	.0	1484	1484	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.910	.3613	12.664	11.578	7
10:	11.667	.3550	12.400	11.329	7
20:	11.425	.3491	12.138	11.081	7
30:	11.184	.3428	11.875	10.833	7
50:	10.703	.3304	11.347	10.342	7
75:	10.107	.3197	10.695	9.727	7
100:	9.543	.3036	10.036	9.179	7
125:	9.045	.3030	9.484	8.697	7
150:	8.631	.2986	9.044	8.273	7
175:	8.260	.2936	8.669	7.900	7
200:	7.909	.2847	8.301	7.555	7
225:	7.572	.2748	7.948	7.229	7
250:	7.242	.2649	7.607	6.910	7
300:	6.613	.2495	6.958	6.310	7
400:	5.436	.2001	5.750	5.185	7
500:	4.366	.1678	4.643	4.154	7
600:	3.371	.1331	3.608	3.209	7
700:	2.447	.0966	2.628	2.337	7
800:	1.579	.0642	1.701	1.494	7
900:	.768	.0295	.827	.735	7
1000:	.000	.0000	.000	.000	7
1200:	-1.429	.0603	-1.332	-1.526	7
1500:	-3.328	.1025	-3.216	-3.535	7
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

MAY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.09	1.035	10.90	6.52	22
10:	7.89	.878	10.35	6.52	22
20:	7.74	.847	9.88	6.48	22
30:	7.54	.733	8.86	6.35	22
50:	7.03	.663	8.14	5.85	22
75:	6.49	.591	7.51	5.54	22
100:	6.15	.524	7.14	5.10	22
125:	5.95	.342	6.74	5.42	22
150:	5.84	.382	6.70	5.19	22
175:	5.70	.387	6.45	4.83	22
200:	5.44	.380	6.20	4.80	22
225:	5.18	.368	5.90	4.58	22
250:	4.95	.359	5.63	4.32	22
300:	4.59	.342	5.31	3.99	22
400:	4.16	.246	4.76	3.73	22
500:	3.95	.156	4.36	3.73	17
600:	3.76	.146	4.10	3.59	17
700:	3.57	.133	3.89	3.42	17
800:	3.40	.106	3.63	3.27	17
900:	3.21	.068	3.34	3.12	16
1000:	3.02	.045	3.10	2.94	16
1200:	2.72	.037	2.82	2.67	16
1500:	2.35	.034	2.39	2.28	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.549	.0801	32.685	32.400	22
10:	32.540	.0835	32.660	32.400	22
20:	32.542	.0840	32.660	32.400	22
30:	32.546	.0866	32.660	32.388	22
50:	32.565	.0799	32.687	32.431	22
75:	32.609	.0785	32.807	32.500	22
100:	32.783	.2156	33.246	32.564	22
125:	33.201	.2811	33.690	32.663	22
150:	33.582	.1517	33.842	33.270	22
175:	33.753	.0774	33.895	33.575	22
200:	33.817	.0537	33.925	33.698	22
225:	33.841	.0494	33.932	33.740	22
250:	33.858	.0484	33.936	33.774	22
300:	33.896	.0420	33.960	33.823	22
400:	33.996	.0283	34.047	33.929	22
500:	34.096	.0212	34.146	34.060	17
600:	34.175	.0233	34.220	34.126	17
700:	34.244	.0243	34.283	34.193	17
800:	34.299	.0231	34.336	34.244	17
900:	34.342	.0198	34.372	34.296	16
1000:	34.383	.0227	34.416	34.329	16
1200:	34.443	.0185	34.477	34.400	16
1500:	34.511	.0183	34.530	34.470	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.356	.1743	25.657	24.868	22
10:	25.380	.1700	25.649	24.891	22
20:	25.403	.1663	25.657	24.969	22
30:	25.435	.1485	25.678	25.121	22
50:	25.520	.1305	25.740	25.262	22
75:	25.626	.1062	25.802	25.488	22
100:	25.807	.1554	26.116	25.516	22
125:	26.162	.2054	26.445	25.724	22
150:	26.475	.1035	26.613	26.270	22
175:	26.627	.0522	26.708	26.516	22
200:	26.709	.0333	26.771	26.642	22
225:	26.759	.0241	26.812	26.707	22
250:	26.798	.0245	26.859	26.760	22
300:	26.869	.0240	26.909	26.824	22
400:	26.994	.0202	27.032	26.959	22
500:	27.095	.0168	27.120	27.063	17
600:	27.178	.0161	27.207	27.151	17
700:	27.250	.0162	27.284	27.221	17
800:	27.311	.0166	27.345	27.276	17
900:	27.363	.0137	27.380	27.330	16
1000:	27.413	.0165	27.434	27.372	16
1200:	27.488	.0148	27.515	27.454	16
1500:	27.574	.0141	27.589	27.542	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	262.8	16.58	309.2	234.2	22
10:	260.7	16.18	307.2	235.1	22
20:	258.6	15.85	300.0	234.4	22
30:	255.7	14.16	285.7	232.5	22
50:	247.9	12.47	272.5	226.8	22
75:	238.0	10.14	251.3	221.1	22
100:	221.1	14.72	248.9	191.9	22
125:	187.7	19.44	229.2	161.1	22
150:	158.3	9.79	177.6	145.1	22
175:	144.1	4.98	154.8	136.3	22
200:	136.6	3.23	143.2	130.5	22
225:	132.0	2.36	136.7	126.8	22
250:	128.4	2.39	132.0	122.5	22
300:	122.0	2.38	126.1	118.1	22
400:	110.8	2.06	114.3	107.0	22
500:	101.9	1.67	105.4	99.8	17
600:	94.7	1.59	97.5	91.8	17
700:	88.4	1.58	91.0	85.1	17
800:	83.1	1.59	86.2	79.8	17
900:	78.6	1.28	81.6	77.1	16
1000:	74.1	1.50	77.9	72.3	16
1200:	67.5	1.39	70.6	65.0	16
1500:	59.9	1.26	62.7	58.5	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

MAY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.09	1.035	10.90	6.52	22
10:	7.89	.878	10.35	6.52	22
20:	7.74	.847	9.88	6.48	22
30:	7.58	.734	8.86	6.35	22
50:	7.03	.663	8.13	5.85	22
75:	6.49	.591	7.50	5.53	22
100:	6.14	.524	7.13	5.09	22
125:	5.94	.342	6.73	5.41	22
150:	5.83	.382	6.69	5.17	22
175:	5.68	.387	6.44	4.82	22
200:	5.43	.381	6.19	4.78	22
225:	5.16	.367	5.88	4.56	22
250:	4.93	.359	5.61	4.30	22
300:	4.56	.341	5.29	3.97	22
400:	4.13	.249	4.72	3.70	22
500:	3.91	.156	4.33	3.70	17
600:	3.72	.145	4.06	3.55	17
700:	3.52	.131	3.83	3.37	17
800:	3.34	.104	3.57	3.22	17
900:	3.15	.069	3.28	3.05	16
1000:	2.95	.046	3.03	2.87	16
1200:	2.64	.037	2.73	2.58	16
1500:	2.24	.033	2.29	2.18	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	262.8	16.58	309.2	234.2	22
10:	260.5	16.18	307.0	234.9	22
20:	258.3	15.82	299.6	234.2	22
30:	255.2	14.12	285.1	232.1	22
50:	247.2	12.40	271.6	226.2	22
75:	237.0	10.11	250.2	220.3	22
100:	219.8	14.75	247.4	190.5	22
125:	186.1	19.51	227.7	159.2	22
150:	156.3	9.81	175.8	143.3	22
175:	141.9	4.95	152.4	134.2	22
200:	134.1	3.16	140.5	128.2	22
225:	129.4	2.28	134.2	124.3	22
250:	125.6	2.31	129.3	119.9	22
300:	118.8	2.26	123.1	115.1	22
400:	106.9	1.90	110.2	103.4	22
500:	97.3	1.58	100.3	95.0	17
600:	89.4	1.52	92.0	86.7	17
700:	82.5	1.54	85.3	79.3	17
800:	76.7	1.58	80.0	73.4	17
900:	71.7	1.30	74.9	70.1	16
1000:	66.9	1.57	70.8	64.9	16
1200:	59.8	1.39	62.9	57.2	16
1500:	51.5	1.32	54.5	50.1	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	22
10:	.26	.017	.31	.24	22
20:	.52	.033	.62	.47	22
30:	.78	.047	.91	.71	22
50:	1.29	.072	1.47	1.16	22
75:	1.89	.098	2.13	1.73	22
100:	2.46	.108	2.68	2.27	22
125:	2.98	.111	3.17	2.77	22
150:	3.41	.123	3.60	3.15	22
175:	3.79	.132	3.97	3.50	22
200:	4.14	.139	4.32	3.84	22
225:	4.47	.145	4.66	4.15	22
250:	4.80	.148	5.00	4.46	22
300:	5.42	.158	5.64	5.06	22
400:	6.59	.168	6.81	6.20	22
500:	7.64	.173	7.88	7.23	17
600:	8.62	.184	8.86	8.21	17
700:	9.53	.199	9.79	9.10	17
800:	10.39	.211	10.67	9.94	17
900:	11.19	.223	11.49	10.74	16
1000:	11.95	.233	12.25	11.49	16
1200:	13.36	.257	13.67	12.86	16
1500:	15.24	.289	15.69	14.76	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	22
10:	.01	.002	.02	.01	22
20:	.05	.004	.06	.05	22
30:	.12	.008	.14	.11	22
50:	.33	.019	.37	.29	22
75:	.71	.035	.79	.65	22
100:	1.22	.048	1.31	1.14	22
125:	1.81	.072	1.94	1.68	22
150:	2.41	.111	2.59	2.21	22
175:	3.04	.136	3.26	2.80	22
200:	3.71	.150	3.97	3.45	22
225:	4.43	.162	4.72	4.13	22
250:	5.22	.171	5.53	4.88	22
300:	6.97	.197	7.33	6.56	22
400:	11.13	.236	11.52	10.62	22
500:	15.97	.280	16.40	15.34	17
600:	21.48	.349	22.01	20.80	17
700:	27.53	.438	28.16	26.73	17
800:	34.08	.540	34.88	33.12	17
900:	41.06	.643	41.98	40.04	16
1000:	48.45	.760	49.59	47.29	16
1200:	64.25	1.049	66.05	62.68	16
1500:	90.38	1.657	93.86	87.98	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

MAY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.02	----- N/A -----			1
10:	7.08	----- N/A -----			1
20:	7.09	----- N/A -----			1
30:	7.09	----- N/A -----			1
50:	7.11	----- N/A -----			1
75:	7.08	----- N/A -----			1
100:	6.97	----- N/A -----			1
125:	6.68	----- N/A -----			1
150:	5.15	----- N/A -----			1
175:	4.62	----- N/A -----			1
200:	4.23	----- N/A -----			1
225:	3.49	----- N/A -----			1
250:	3.21	----- N/A -----			1
300:	2.42	----- N/A -----			1
400:	1.39	----- N/A -----			1
500:	.93	----- N/A -----			1
600:	.63	----- N/A -----			1
700:	.46	----- N/A -----			1
800:	.40	----- N/A -----			1
900:	.40	----- N/A -----			1
1000:	.40	----- N/A -----			1
1200:	.44	----- N/A -----			1
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1479	3.8	1490	1474	22
10:	1479	3.4	1489	1474	22
20:	1478	3.2	1487	1474	22
30:	1478	2.7	1483	1474	22
50:	1476	2.7	1481	1472	22
75:	1475	2.4	1479	1471	22
100:	1474	2.3	1479	1470	22
125:	1474	1.6	1478	1472	22
150:	1475	1.8	1479	1472	22
175:	1475	1.7	1478	1471	22
200:	1474	1.6	1478	1472	22
225:	1473	1.6	1477	1471	22
250:	1473	1.5	1476	1471	22
300:	1472	1.5	1476	1470	22
400:	1472	1.1	1475	1471	22
500:	1473	.6	1475	1473	17
600:	1474	.7	1476	1474	17
700:	1475	.7	1477	1475	17
800:	1476	.5	1477	1476	17
900:	1477	.5	1478	1477	16
1000:	1478	.3	1479	1478	16
1200:	1480	.3	1481	1480	16
1500:	1484	.0	1484	1484	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.952	.2331	12.253	11.489	16
10:	11.690	.2215	11.959	11.246	16
20:	11.430	.2119	11.709	11.006	16
30:	11.172	.2022	11.452	10.775	16
50:	10.665	.1879	10.953	10.303	16
75:	10.058	.1723	10.348	9.741	16
100:	9.467	.1606	9.775	9.196	16
125:	8.981	.1386	9.198	8.723	16
150:	8.559	.1254	8.746	8.337	16
175:	8.182	.1210	8.381	7.986	16
200:	7.834	.1179	8.030	7.650	16
225:	7.502	.1134	7.691	7.338	16
250:	7.176	.1097	7.361	7.026	16
300:	6.551	.1008	6.722	6.404	16
400:	5.384	.0885	5.528	5.237	16
500:	4.325	.0754	4.468	4.183	16
600:	3.341	.0582	3.460	3.231	16
700:	2.427	.0411	2.518	2.355	16
800:	1.572	.0263	1.634	1.531	16
900:	.763	.0135	.795	.746	16
1000:	.000	.0000	.000	.000	16
1200:	-1.408	.0316	-1.358	-1.469	16
1500:	-3.313	.0792	-3.174	-3.495	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JUNE

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.61	1.090	13.40	9.00	17
10:	10.44	.805	11.60	8.93	17
20:	10.27	.886	11.45	8.68	17
30:	9.49	.814	11.00	7.84	17
50:	7.71	.656	8.88	6.18	17
75:	6.72	.737	8.17	5.50	17
100:	6.25	.587	7.16	5.16	17
125:	6.02	.324	6.57	5.60	17
150:	5.93	.312	6.50	5.55	17
175:	5.73	.336	6.38	5.18	17
200:	5.53	.307	6.17	5.16	17
225:	5.29	.308	5.92	4.87	17
250:	5.07	.301	5.69	4.69	17
300:	4.66	.270	5.27	4.31	17
400:	4.24	.218	4.64	3.96	14
500:	3.98	.182	4.37	3.76	12
600:	3.77	.115	4.01	3.64	12
700:	3.58	.092	3.71	3.46	12
800:	3.39	.090	3.55	3.26	12
900:	3.22	.089	3.42	3.09	12
1000:	3.04	.069	3.21	2.96	12
1200:	2.73	.042	2.81	2.66	12
1500:	2.35	.044	2.42	2.26	11
2000:	1.90	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.489	.1077	32.630	32.310	17
10:	32.480	.1081	32.630	32.306	17
20:	32.485	.1044	32.630	32.309	17
30:	32.503	.1034	32.630	32.310	17
50:	32.543	.0807	32.640	32.370	17
75:	32.600	.0923	32.730	32.410	17
100:	32.796	.1350	32.988	32.550	17
125:	33.232	.2085	33.463	32.733	17
150:	33.613	.0921	33.727	33.441	17
175:	33.758	.0719	33.860	33.620	17
200:	33.820	.0513	33.890	33.720	17
225:	33.843	.0461	33.923	33.760	17
250:	33.855	.0443	33.945	33.770	17
300:	33.884	.0417	33.972	33.820	17
400:	33.971	.0466	34.041	33.882	14
500:	34.075	.0454	34.151	33.991	12
600:	34.153	.0463	34.218	34.060	12
700:	34.226	.0442	34.277	34.125	12
800:	34.283	.0417	34.336	34.183	12
900:	34.330	.0371	34.377	34.241	12
1000:	34.370	.0366	34.416	34.280	12
1200:	34.429	.0379	34.476	34.340	12
1500:	34.512	.0290	34.557	34.456	11
2000:	34.601	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.907	.2180	25.186	24.270	17
10:	24.932	.1542	25.156	24.616	17
20:	24.965	.1707	25.209	24.627	17
30:	25.108	.1887	25.439	24.726	17
50:	25.410	.1262	25.578	25.178	17
75:	25.588	.1445	25.797	25.320	17
100:	25.804	.1202	26.029	25.587	17
125:	26.177	.1536	26.396	25.795	17
150:	26.488	.0727	26.604	26.344	17
175:	26.627	.0545	26.703	26.539	17
200:	26.701	.0438	26.772	26.599	17
225:	26.748	.0435	26.810	26.654	17
250:	26.783	.0428	26.831	26.683	17
300:	26.852	.0418	26.903	26.747	17
400:	26.966	.0454	27.021	26.881	14
500:	27.076	.0411	27.116	26.984	12
600:	27.159	.0392	27.216	27.071	12
700:	27.236	.0379	27.282	27.148	12
800:	27.299	.0374	27.344	27.204	12
900:	27.353	.0353	27.394	27.263	12
1000:	27.401	.0341	27.442	27.314	12
1200:	27.476	.0322	27.514	27.398	12
1500:	27.575	.0246	27.616	27.533	11
2000:	27.682	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	305.5	20.76	366.2	278.9	17
10:	303.3	14.68	333.4	282.0	17
20:	300.4	16.26	332.6	277.1	17
30:	286.9	18.01	323.4	255.3	17
50:	258.4	12.08	280.6	242.2	17
75:	241.7	13.83	267.4	221.7	17
100:	221.4	11.47	242.0	199.9	17
125:	186.3	14.55	222.5	165.4	17
150:	157.1	6.90	170.7	146.1	17
175:	144.2	5.22	152.5	136.9	17
200:	137.4	4.21	147.1	130.5	17
225:	133.1	4.22	142.1	127.0	17
250:	130.0	4.15	139.6	125.3	17
300:	123.7	4.08	133.9	118.6	17
400:	113.5	4.40	121.8	108.1	14
500:	103.8	3.99	112.7	99.8	12
600:	96.5	3.72	104.9	91.0	12
700:	89.7	3.64	98.6	85.3	12
800:	84.2	3.59	93.4	79.9	12
900:	79.5	3.42	88.3	75.6	12
1000:	75.2	3.32	83.8	71.3	12
1200:	68.7	3.05	76.1	65.1	12
1500:	59.8	2.34	63.5	55.7	11
2000:	50.2	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JUNE

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.61	1.090	13.40	9.00	17
10:	10.44	.805	11.60	8.93	17
20:	10.27	.884	11.44	8.68	17
30:	9.49	.812	10.99	7.84	17
50:	7.71	.654	8.87	6.17	17
75:	6.72	.737	8.16	5.49	17
100:	6.24	.586	7.15	5.16	17
125:	6.01	.324	6.56	5.59	17
150:	5.92	.310	6.48	5.54	17
175:	5.72	.335	6.37	5.16	17
200:	5.51	.307	6.15	5.14	17
225:	5.27	.308	5.90	4.85	17
250:	5.05	.300	5.67	4.67	17
300:	4.64	.270	5.24	4.29	17
400:	4.21	.218	4.61	3.93	14
500:	3.94	.182	4.33	3.72	12
600:	3.73	.113	3.97	3.60	12
700:	3.53	.091	3.66	3.42	12
800:	3.33	.091	3.50	3.21	12
900:	3.15	.087	3.35	3.03	12
1000:	2.97	.069	3.14	2.89	12
1200:	2.65	.042	2.73	2.58	12
1500:	2.25	.044	2.32	2.16	11
2000:	1.77	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	305.5	20.76	366.2	278.9	17
10:	303.1	14.68	333.2	281.8	17
20:	299.9	16.24	332.2	276.7	17
30:	286.3	17.97	322.7	254.8	17
50:	257.6	12.00	279.7	241.6	17
75:	240.6	13.74	266.1	220.8	17
100:	220.1	11.41	240.7	198.7	17
125:	184.7	14.59	220.9	163.8	17
150:	155.1	6.89	168.7	144.1	17
175:	141.9	5.19	150.3	134.7	17
200:	134.9	4.13	144.5	128.2	17
225:	130.4	4.13	139.3	124.5	17
250:	127.1	4.04	136.5	122.5	17
300:	120.5	3.97	130.4	115.6	17
400:	109.6	4.30	117.6	104.4	14
500:	99.2	3.88	107.8	95.4	12
600:	91.2	3.70	99.5	85.8	12
700:	83.9	3.61	92.6	79.5	12
800:	77.8	3.54	86.6	73.5	12
900:	72.7	3.35	81.2	68.8	12
1000:	68.1	3.22	76.3	64.2	12
1200:	60.9	3.06	68.3	57.3	12
1500:	51.4	2.33	55.4	47.5	11
2000:	41.1	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	17
10:	.31	.018	.35	.28	17
20:	.61	.032	.68	.56	17
30:	.90	.047	1.01	.84	17
50:	1.45	.069	1.61	1.34	17
75:	2.08	.096	2.28	1.96	17
100:	2.65	.120	2.89	2.49	17
125:	3.16	.129	3.38	2.94	17
150:	3.59	.140	3.80	3.33	17
175:	3.96	.150	4.18	3.68	17
200:	4.32	.159	4.54	4.02	17
225:	4.65	.167	4.89	4.34	17
250:	4.98	.173	5.24	4.66	17
300:	5.62	.188	5.92	5.28	17
400:	6.82	.212	7.20	6.52	14
500:	7.88	.250	8.37	7.56	12
600:	8.88	.283	9.46	8.51	12
700:	9.81	.317	10.48	9.39	12
800:	10.68	.349	11.44	10.22	12
900:	11.50	.384	12.35	10.99	12
1000:	12.27	.412	13.20	11.73	12
1200:	13.71	.474	14.80	13.09	12
1500:	15.51	.403	16.11	14.90	11
2000:	18.36	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	17
10:	.02	.004	.02	.01	17
20:	.06	.005	.07	.06	17
30:	.14	.008	.15	.13	17
50:	.36	.016	.39	.34	17
75:	.76	.037	.83	.71	17
100:	1.27	.060	1.38	1.18	17
125:	1.86	.083	1.98	1.70	17
150:	2.46	.109	2.66	2.25	17
175:	3.08	.127	3.32	2.83	17
200:	3.75	.146	4.03	3.48	17
225:	4.48	.164	4.78	4.17	17
250:	5.27	.181	5.59	4.93	17
300:	7.05	.226	7.44	6.67	17
400:	11.32	.368	11.98	10.81	14
500:	16.23	.548	17.37	15.58	12
600:	21.83	.739	23.43	20.92	12
700:	27.99	.987	30.21	26.74	12
800:	34.64	1.246	37.52	33.06	12
900:	41.71	1.560	45.41	39.79	12
1000:	49.19	1.869	53.69	46.90	12
1200:	65.32	2.555	71.61	62.17	12
1500:	90.92	2.540	95.26	87.07	11
2000:	140.10	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JUNE

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1489	4.0	1499	1483	17
10:	1488	3.0	1493	1483	17
20:	1488	3.2	1493	1483	17
30:	1485	2.8	1491	1480	17
50:	1479	2.6	1484	1473	17
75:	1475	2.8	1482	1471	17
100:	1474	2.5	1479	1470	17
125:	1474	1.5	1477	1473	17
150:	1475	1.3	1478	1474	17
175:	1475	1.4	1478	1473	17
200:	1475	1.3	1478	1473	17
225:	1474	1.3	1477	1473	17
250:	1473	1.4	1477	1472	17
300:	1473	1.3	1476	1471	17
400:	1473	.9	1475	1472	14
500:	1473	.8	1475	1473	12
600:	1474	.7	1476	1474	12
700:	1475	.5	1476	1475	12
800:	1476	.5	1477	1476	12
900:	1477	.5	1478	1477	12
1000:	1478	.5	1479	1478	12
1200:	1480	.5	1481	1480	12
1500:	1483	.3	1484	1483	11
2000:	1490	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.271	.4140	13.202	11.727	12
10:	11.965	.4058	12.880	11.421	12
20:	11.660	.3991	12.559	11.116	12
30:	11.365	.3894	12.238	10.832	12
50:	10.819	.3746	11.648	10.317	12
75:	10.190	.3528	10.968	9.719	12
100:	9.616	.3326	10.351	9.165	12
125:	9.105	.3253	9.859	8.705	12
150:	8.681	.3220	9.437	8.310	12
175:	8.308	.3127	9.051	7.954	12
200:	7.956	.3011	8.673	7.613	12
225:	7.618	.2920	8.313	7.282	12
250:	7.289	.2818	7.961	6.964	12
300:	6.654	.2621	7.296	6.352	12
400:	5.471	.2161	6.000	5.211	12
500:	4.388	.1770	4.827	4.169	12
600:	3.390	.1411	3.744	3.217	12
700:	2.459	.1033	2.721	2.338	12
800:	1.589	.0689	1.765	1.511	12
900:	.773	.0329	.856	.735	12
1000:	.000	.0000	.000	.000	12
1200:	-1.438	.0636	-1.362	-1.600	12
1500:	-3.328	.1061	-3.175	-3.483	11
2000:	-6.059	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JULY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.15	.974	13.66	10.97	5
10:	12.13	1.034	13.60	10.97	5
20:	11.30	.826	12.51	10.42	5
30:	9.56	1.405	11.37	7.68	5
50:	7.49	1.272	9.55	6.15	5
75:	6.53	.989	8.16	5.55	5
100:	5.99	.677	7.08	5.23	5
125:	5.78	.406	6.45	5.40	5
150:	5.63	.373	6.20	5.19	5
175:	5.51	.300	6.02	5.31	5
200:	5.31	.306	5.82	5.10	5
225:	5.07	.280	5.52	4.79	5
250:	4.84	.275	5.21	4.52	5
300:	4.48	.249	4.80	4.24	5
400:	4.08	.187	4.29	3.82	5
500:	3.96	.085	4.02	3.90	2
600:	3.80	.028	3.82	3.78	2
700:	3.63	.007	3.64	3.63	2
800:	3.45	.057	3.49	3.41	2
900:	3.24	.042	3.27	3.21	2
1000:	3.06	.014	3.07	3.05	2
1200:	2.73	.028	2.75	2.71	2
1500:	2.39	.021	2.41	2.38	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.473	.1027	32.605	32.330	5
10:	32.460	.0842	32.594	32.330	5
20:	32.473	.0967	32.598	32.339	5
30:	32.510	.0688	32.612	32.444	5
50:	32.550	.0554	32.642	32.505	5
75:	32.583	.0569	32.657	32.514	5
100:	32.726	.1303	32.882	32.541	5
125:	33.034	.2394	33.280	32.725	5
150:	33.440	.1408	33.580	33.230	5
175:	33.680	.0340	33.722	33.643	5
200:	33.764	.0532	33.843	33.713	5
225:	33.795	.0430	33.860	33.752	5
250:	33.822	.0396	33.876	33.779	5
300:	33.865	.0304	33.900	33.838	5
400:	33.965	.0250	33.996	33.930	5
500:	34.067	.0026	34.069	34.066	2
600:	34.156	.0000	34.156	34.156	2
700:	34.232	.0102	34.240	34.225	2
800:	34.295	.0252	34.313	34.277	2
900:	34.343	.0234	34.360	34.327	2
1000:	34.385	.0285	34.405	34.365	2
1200:	34.431	.0176	34.444	34.419	2
1500:	34.496	.0114	34.504	34.488	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.620	.2362	24.821	24.219	5
10:	24.614	.2334	24.821	24.230	5
20:	24.776	.2078	24.991	24.451	5
30:	25.097	.2483	25.375	24.757	5
50:	25.441	.1967	25.601	25.104	5
75:	25.598	.1341	25.697	25.370	5
100:	25.761	.1474	25.995	25.636	5
125:	26.051	.1874	26.291	25.829	5
150:	26.389	.1050	26.519	26.275	5
175:	26.592	.0258	26.622	26.554	5
200:	26.682	.0112	26.696	26.667	5
225:	26.735	.0060	26.744	26.728	5
250:	26.782	.0014	26.784	26.779	5
300:	26.856	.0060	26.865	26.849	5
400:	26.978	.0071	26.989	26.970	5
500:	27.072	.0070	27.077	27.067	2
600:	27.158	.0028	27.160	27.156	2
700:	27.236	.0083	27.242	27.230	2
800:	27.303	.0141	27.313	27.293	2
900:	27.361	.0148	27.372	27.351	2
1000:	27.412	.0211	27.427	27.397	2
1200:	27.478	.0171	27.490	27.466	2
1500:	27.558	.0111	27.566	27.550	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	332.8	22.53	371.1	313.7	5
10:	333.7	22.23	370.2	313.9	5
20:	318.4	19.82	349.4	297.9	5
30:	288.0	23.66	320.4	261.5	5
50:	255.4	18.83	287.7	240.1	5
75:	240.7	12.90	262.6	231.1	5
100:	223.5	14.14	237.3	203.0	5
125:	198.2	17.74	219.1	175.3	5
150:	166.4	9.94	177.0	154.0	5
175:	147.3	2.54	151.2	144.5	5
200:	139.0	1.03	140.4	137.7	5
225:	134.1	.51	134.7	133.4	5
250:	129.9	.20	130.1	129.6	5
300:	123.1	.69	124.0	122.1	5
400:	112.2	.73	113.1	111.1	5
500:	104.1	.78	104.7	103.6	2
600:	96.6	.28	96.8	96.4	2
700:	89.8	.78	90.4	89.3	2
800:	83.9	1.20	84.8	83.1	2
900:	78.8	1.27	79.7	77.9	2
1000:	74.3	1.91	75.7	73.0	2
1200:	68.4	1.63	69.6	67.3	2
1500:	61.5	1.13	62.3	60.7	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JULY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.15	.974	13.66	10.97	5
10:	12.13	1.039	13.60	10.97	5
20:	11.30	.826	12.51	10.42	5
30:	9.56	1.405	11.37	7.68	5
50:	7.49	1.268	9.54	6.15	5
75:	6.53	.994	8.16	5.54	5
100:	5.98	.673	7.07	5.23	5
125:	5.77	.406	6.44	5.39	5
150:	5.62	.374	6.19	5.18	5
175:	5.50	.295	6.00	5.30	5
200:	5.30	.303	5.80	5.09	5
225:	5.05	.281	5.50	4.77	5
250:	4.83	.274	5.19	4.51	5
300:	4.46	.244	4.78	4.22	5
400:	4.05	.187	4.26	3.79	5
500:	3.92	.092	3.99	3.86	2
600:	3.76	.028	3.78	3.74	2
700:	3.58	.007	3.59	3.58	2
800:	3.39	.057	3.43	3.35	2
900:	3.18	.042	3.21	3.15	2
1000:	2.99	.014	3.00	2.98	2
1200:	2.64	.035	2.67	2.62	2
1500:	2.29	.028	2.31	2.27	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	332.8	22.53	371.1	313.7	5
10:	333.4	22.23	370.0	313.7	5
20:	317.9	19.80	348.9	297.5	5
30:	287.4	23.60	319.7	261.0	5
50:	254.6	18.71	286.7	239.4	5
75:	239.7	12.76	261.4	230.3	5
100:	222.3	14.04	236.1	201.9	5
125:	196.7	17.77	217.7	173.9	5
150:	164.5	9.94	175.3	152.2	5
175:	145.1	2.45	148.8	142.3	5
200:	136.6	1.08	138.1	135.3	5
225:	131.6	.53	132.2	130.8	5
250:	127.1	.16	127.4	127.0	5
300:	120.0	.58	120.7	119.2	5
400:	108.4	.68	109.2	107.4	5
500:	99.5	.64	100.0	99.1	2
600:	91.3	.28	91.5	91.1	2
700:	83.8	.78	84.4	83.3	2
800:	77.4	1.41	78.4	76.4	2
900:	71.9	1.41	72.9	70.9	2
1000:	67.0	2.05	68.5	65.6	2
1200:	60.7	1.56	61.8	59.6	2
1500:	52.9	1.06	53.7	52.2	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	5
10:	.34	.021	.37	.32	5
20:	.66	.040	.73	.63	5
30:	.97	.057	1.07	.94	5
50:	1.51	.089	1.67	1.48	5
75:	2.13	.130	2.36	2.05	5
100:	2.71	.155	2.98	2.59	5
125:	3.23	.175	3.52	3.06	5
150:	3.69	.198	3.99	3.47	5
175:	4.08	.213	4.40	3.84	5
200:	4.44	.212	4.76	4.21	5
225:	4.78	.211	5.09	4.54	5
250:	5.11	.219	5.44	4.87	5
300:	5.74	.216	6.07	5.51	5
400:	6.92	.216	7.25	6.69	5
500:	8.04	.403	8.33	7.76	2
600:	9.05	.410	9.34	8.76	2
700:	9.98	.410	10.27	9.69	2
800:	10.85	.403	11.14	10.57	2
900:	11.66	.389	11.94	11.39	2
1000:	12.43	.368	12.69	12.17	2
1200:	13.85	.332	14.09	13.62	2
1500:	15.78	.304	16.00	15.57	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	5
10:	.02	.000	.02	.02	5
20:	.07	.004	.07	.06	5
30:	.14	.009	.16	.14	5
50:	.37	.021	.40	.35	5
75:	.76	.045	.84	.73	5
100:	1.27	.076	1.40	1.20	5
125:	1.88	.108	2.02	1.74	5
150:	2.52	.146	2.67	2.32	5
175:	3.16	.172	3.35	2.94	5
200:	3.85	.172	4.04	3.63	5
225:	4.58	.170	4.76	4.36	5
250:	5.38	.178	5.59	5.16	5
300:	7.16	.178	7.37	6.94	5
400:	11.35	.170	11.56	11.15	5
500:	16.29	.346	16.54	16.05	2
600:	21.92	.368	22.18	21.66	2
700:	28.07	.332	28.31	27.84	2
800:	34.76	.297	34.97	34.55	2
900:	41.77	.163	41.89	41.66	2
1000:	49.20	.014	49.21	49.19	2
1200:	65.18	.361	65.44	64.93	2
1500:	91.69	.841	92.29	91.10	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

JULY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1495	3.2	1500	1491	5
10:	1494	3.6	1500	1491	5
20:	1492	2.8	1496	1489	5
30:	1486	5.4	1493	1479	5
50:	1478	4.8	1486	1473	5
75:	1475	4.1	1482	1471	5
100:	1473	2.6	1478	1471	5
125:	1473	1.7	1476	1472	5
150:	1474	1.5	1476	1472	5
175:	1474	1.2	1476	1473	5
200:	1473	1.3	1476	1473	5
225:	1473	1.1	1475	1472	5
250:	1472	1.3	1474	1471	5
300:	1472	1.3	1474	1471	5
400:	1472	.8	1473	1471	5
500:	1473	.7	1474	1473	2
600:	1475	.0	1475	1475	2
700:	1476	.0	1476	1476	2
800:	1476	.7	1477	1476	2
900:	1477	.7	1478	1477	2
1000:	1478	.0	1478	1478	2
1200:	1480	.0	1480	1480	2
1500:	1484	.0	1484	1484	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.431	.3705	12.693	12.169	2
10:	12.078	.3444	12.322	11.835	2
20:	11.734	.3175	11.959	11.510	2
30:	11.419	.2906	11.625	11.214	2
50:	10.867	.2206	11.023	10.711	2
75:	10.225	.1549	10.335	10.116	2
100:	9.648	.0919	9.713	9.583	2
125:	9.139	.0403	9.168	9.111	2
150:	8.699	.0005	8.700	8.699	2
175:	8.310	.0240	8.327	8.293	2
200:	7.947	.0205	7.962	7.933	2
225:	7.612	.0191	7.626	7.599	2
250:	7.277	.0283	7.297	7.257	2
300:	6.640	.0262	6.659	6.622	2
400:	5.463	.0262	5.482	5.445	2
500:	4.385	.0361	4.411	4.360	2
600:	3.382	.0410	3.411	3.353	2
700:	2.451	.0361	2.477	2.426	2
800:	1.577	.0311	1.599	1.555	2
900:	.767	.0156	.778	.756	2
1000:	.000	.0000	.000	.000	2
1200:	-1.423	.0332	-1.400	-1.447	2
1500:	-3.352	.0693	-3.303	-3.401	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

AUGUST

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.55	.669	15.49	12.79	15
10:	14.43	.606	15.40	12.79	15
20:	13.44	1.073	14.95	10.57	15
30:	11.25	1.163	12.77	9.24	15
50:	8.03	1.058	10.61	6.37	15
75:	6.76	.744	8.18	5.67	15
100:	6.25	.640	7.27	5.47	15
125:	6.03	.525	6.92	5.39	15
150:	5.99	.430	6.82	5.46	15
175:	5.83	.410	6.66	5.37	15
200:	5.61	.387	6.35	5.11	15
225:	5.31	.339	5.95	4.85	15
250:	5.05	.298	5.59	4.67	15
300:	4.63	.264	5.19	4.37	15
400:	4.19	.228	4.77	3.93	15
500:	3.99	.219	4.51	3.80	13
600:	3.79	.167	4.17	3.64	13
700:	3.61	.123	3.89	3.49	12
800:	3.41	.087	3.61	3.28	12
900:	3.23	.067	3.34	3.10	12
1000:	3.05	.064	3.11	2.89	12
1200:	2.74	.039	2.78	2.63	11
1500:	2.35	.045	2.41	2.28	10
2000:	1.95	.007	1.96	1.95	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.492	.1116	32.653	32.272	15
10:	32.490	.1101	32.654	32.273	15
20:	32.509	.1051	32.670	32.312	15
30:	32.542	.1058	32.691	32.326	15
50:	32.608	.1089	32.783	32.420	15
75:	32.654	.0785	32.786	32.510	15
100:	32.773	.0994	32.907	32.559	15
125:	33.126	.2037	33.382	32.726	15
150:	33.525	.1480	33.720	33.251	15
175:	33.734	.0720	33.835	33.559	15
200:	33.817	.0470	33.902	33.744	15
225:	33.841	.0395	33.906	33.779	15
250:	33.856	.0418	33.920	33.786	15
300:	33.896	.0352	33.958	33.830	15
400:	33.991	.0298	34.033	33.946	15
500:	34.081	.0236	34.113	34.036	13
600:	34.162	.0214	34.189	34.112	13
700:	34.235	.0221	34.259	34.180	12
800:	34.291	.0225	34.322	34.239	12
900:	34.338	.0220	34.371	34.282	12
1000:	34.380	.0260	34.420	34.319	12
1200:	34.446	.0287	34.499	34.392	11
1500:	34.513	.0306	34.565	34.450	10
2000:	34.597	.0062	34.602	34.593	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.156	.1437	24.445	23.852	15
10:	24.182	.1304	24.445	23.951	15
20:	24.395	.2273	24.924	24.070	15
30:	24.835	.2677	25.200	24.398	15
50:	25.411	.2057	25.692	24.894	15
75:	25.626	.1280	25.794	25.357	15
100:	25.786	.0680	25.893	25.618	15
125:	26.091	.1437	26.316	25.800	15
150:	26.411	.1086	26.594	26.224	15
175:	26.596	.0857	26.721	26.462	15
200:	26.689	.0436	26.770	26.606	15
225:	26.744	.0302	26.812	26.698	15
250:	26.786	.0242	26.840	26.752	15
300:	26.864	.0244	26.918	26.833	15
400:	26.987	.0231	27.024	26.947	15
500:	27.079	.0199	27.110	27.048	13
600:	27.164	.0212	27.193	27.122	13
700:	27.240	.0206	27.268	27.194	12
800:	27.304	.0211	27.333	27.259	12
900:	27.358	.0213	27.388	27.308	12
1000:	27.408	.0245	27.443	27.354	12
1200:	27.489	.0242	27.531	27.444	11
1500:	27.576	.0257	27.619	27.522	10
2000:	27.675	.0057	27.679	27.671	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	377.0	13.70	406.1	349.5	15
10:	374.9	12.44	396.6	349.7	15
20:	354.8	21.70	385.8	304.3	15
30:	313.0	25.54	354.7	278.2	15
50:	258.4	19.65	307.8	231.5	15
75:	238.1	12.25	263.8	221.9	15
100:	223.1	6.54	239.0	212.7	15
125:	194.4	13.62	222.0	173.0	15
150:	164.4	10.30	182.0	147.0	15
175:	147.1	6.32	159.8	135.1	15
200:	138.5	4.24	146.5	130.7	15
225:	133.5	2.99	137.9	126.8	15
250:	129.7	2.35	132.8	124.3	15
300:	122.5	2.38	125.5	117.3	15
400:	111.5	2.28	115.3	107.9	15
500:	103.5	2.04	106.8	100.4	13
600:	96.0	2.15	100.0	93.1	13
700:	89.4	2.03	93.7	86.6	12
800:	83.8	2.07	88.0	81.0	12
900:	79.0	2.10	83.8	76.2	12
1000:	74.7	2.37	79.8	71.4	12
1200:	67.5	2.31	71.8	63.6	11
1500:	59.8	2.43	64.8	55.7	10
2000:	51.1	.57	51.5	50.7	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

AUGUST

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.55	.669	15.49	12.79	15
10:	14.43	.606	15.40	12.79	15
20:	13.44	1.073	14.95	10.57	15
30:	11.25	1.163	12.77	9.29	15
50:	8.03	1.054	10.60	6.37	15
75:	6.75	.744	8.18	5.66	15
100:	6.29	.640	7.26	5.46	15
125:	6.02	.524	6.91	5.38	15
150:	5.98	.430	6.81	5.45	15
175:	5.82	.408	6.64	5.36	15
200:	5.59	.387	6.33	5.09	15
225:	5.29	.339	5.93	4.83	15
250:	5.03	.297	5.57	4.65	15
300:	4.61	.262	5.16	4.35	15
400:	4.16	.227	4.74	3.90	15
500:	3.95	.219	4.47	3.76	13
600:	3.75	.167	4.13	3.59	13
700:	3.56	.121	3.83	3.44	12
800:	3.35	.085	3.55	3.23	12
900:	3.16	.066	3.28	3.04	12
1000:	2.98	.064	3.04	2.82	12
1200:	2.65	.042	2.70	2.54	11
1500:	2.25	.045	2.31	2.18	10
2000:	1.81	.007	1.82	1.81	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	377.0	13.70	406.1	349.5	15
10:	374.6	12.44	396.6	349.5	15
20:	354.2	21.65	385.2	303.9	15
30:	312.3	25.48	353.9	277.4	15
50:	257.5	19.56	306.7	230.8	15
75:	237.0	12.17	262.6	221.0	15
100:	221.8	6.48	237.8	211.6	15
125:	192.8	13.66	220.5	171.4	15
150:	162.4	10.31	180.1	145.0	15
175:	144.8	6.25	157.6	132.9	15
200:	136.0	4.11	143.8	128.1	15
225:	130.8	2.88	135.2	124.3	15
250:	126.8	2.28	130.0	121.7	15
300:	119.3	2.29	122.2	114.3	15
400:	107.6	2.19	111.4	104.1	15
500:	98.8	1.87	101.8	95.9	13
600:	90.7	2.00	94.7	88.0	13
700:	83.4	1.94	87.8	80.8	12
800:	77.3	2.00	81.6	74.6	12
900:	72.1	2.04	76.9	69.3	12
1000:	67.4	2.32	72.5	64.1	12
1200:	59.7	2.28	63.9	55.7	11
1500:	51.3	2.41	56.4	47.3	10
2000:	41.7	.49	42.1	41.4	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.38	.013	.40	.35	15
20:	.75	.025	.80	.70	15
30:	1.08	.045	1.17	1.02	15
50:	1.65	.084	1.81	1.55	15
75:	2.27	.117	2.50	2.16	15
100:	2.84	.138	3.10	2.70	15
125:	3.37	.146	3.63	3.21	15
150:	3.82	.162	4.11	3.62	15
175:	4.20	.180	4.55	3.99	15
200:	4.56	.159	4.92	4.33	15
225:	4.90	.199	5.28	4.65	15
250:	5.23	.203	5.61	4.97	15
300:	5.86	.242	6.26	5.60	15
400:	7.03	.227	7.44	6.73	15
500:	8.09	.261	8.52	7.77	13
600:	9.09	.279	9.55	8.74	13
700:	10.04	.293	10.52	9.64	12
800:	10.91	.308	11.43	10.48	12
900:	11.72	.321	12.28	11.27	12
1000:	12.49	.335	13.10	12.02	12
1200:	13.95	.357	14.62	13.41	11
1500:	15.82	.431	16.63	15.18	10
2000:	18.60	.069	18.65	18.56	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.02	.000	.02	.02	15
20:	.08	.005	.08	.07	15
30:	.16	.008	.18	.15	15
50:	.39	.025	.44	.36	15
75:	.79	.047	.88	.73	15
100:	1.29	.067	1.43	1.21	15
125:	1.90	.079	2.04	1.79	15
150:	2.53	.111	2.75	2.38	15
175:	3.17	.143	3.48	2.99	15
200:	3.85	.164	4.20	3.63	15
225:	4.58	.181	4.96	4.33	15
250:	5.38	.195	5.78	5.09	15
300:	7.14	.223	7.59	6.78	15
400:	11.31	.288	11.79	10.77	15
500:	16.22	.399	16.83	15.53	13
600:	21.81	.494	22.59	20.97	13
700:	27.99	.622	29.01	26.89	12
800:	34.61	.765	35.95	33.31	12
900:	41.65	.913	43.37	40.21	12
1000:	49.08	1.103	51.31	47.41	12
1200:	65.14	1.502	68.27	62.82	11
1500:	91.01	2.451	95.87	87.07	10
2000:	140.23	.834	140.82	139.64	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

AUGUST

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.29	----- N/A -----			1
10:	6.22	----- N/A -----			1
20:	7.12	----- N/A -----			1
30:	6.80	----- N/A -----			1
50:	6.55	----- N/A -----			1
75:	6.32	----- N/A -----			1
100:	5.94	----- N/A -----			1
125:	4.83	----- N/A -----			1
150:	4.25	----- N/A -----			1
175:	4.11	----- N/A -----			1
200:	3.18	----- N/A -----			1
225:	2.79	----- N/A -----			1
250:	2.44	----- N/A -----			1
300:	1.86	----- N/A -----			1
400:	1.29	----- N/A -----			1
500:	.73	----- N/A -----			1
600:	.53	----- N/A -----			1
700:	.42	----- N/A -----			1
800:	.47	----- N/A -----			1
900:	.43	----- N/A -----			1
1000:	.39	----- N/A -----			1
1200:	.49	----- N/A -----			1
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1502	2.2	1506	1497	15
10:	1502	2.1	1506	1497	15
20:	1499	3.6	1505	1490	15
30:	1492	4.0	1497	1485	15
50:	1480	4.0	1490	1474	15
75:	1476	2.9	1482	1472	15
100:	1474	2.6	1479	1472	15
125:	1474	2.2	1479	1472	15
150:	1475	1.9	1479	1473	15
175:	1475	1.7	1479	1474	15
200:	1475	1.5	1478	1473	15
225:	1474	1.4	1477	1473	15
250:	1473	1.3	1476	1472	15
300:	1472	1.0	1475	1472	15
400:	1472	1.0	1475	1472	15
500:	1473	1.0	1476	1473	13
600:	1474	.8	1476	1474	13
700:	1475	.7	1477	1475	12
800:	1476	.5	1477	1476	12
900:	1477	.5	1478	1477	12
1000:	1478	.5	1479	1478	12
1200:	1480	.3	1481	1480	11
1500:	1484	.0	1484	1484	10
2000:	1491	.0	1491	1491	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.524	.3316	13.104	12.017	11
10:	12.146	.3238	12.726	11.646	11
20:	11.776	.3134	12.350	11.284	11
30:	11.435	.2967	11.977	10.957	11
50:	10.860	.2635	11.329	10.402	11
75:	10.232	.2287	10.622	9.802	11
100:	9.658	.2111	10.005	9.239	11
125:	9.130	.2026	9.470	8.726	11
150:	8.679	.1905	9.005	8.324	11
175:	8.290	.1774	8.602	7.973	11
200:	7.933	.1666	8.228	7.641	11
225:	7.593	.1581	7.876	7.320	11
250:	7.263	.1535	7.542	7.005	11
300:	6.632	.1432	6.898	6.401	11
400:	5.459	.1211	5.691	5.284	11
500:	4.381	.1017	4.584	4.237	11
600:	3.380	.0840	3.554	3.258	11
700:	2.451	.0631	2.585	2.360	11
800:	1.583	.0434	1.677	1.522	11
900:	.768	.0236	.821	.737	11
1000:	.000	.0000	.000	.000	11
1200:	-1.423	.0463	-1.361	-1.513	11
1500:	-3.308	.1141	-3.119	-3.521	10
2000:	-6.052	.0325	-6.029	-6.075	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SEPTEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.98	.913	17.30	13.38	14
10:	14.95	.906	17.11	13.38	14
20:	14.87	.934	17.11	13.33	14
30:	13.80	1.380	15.07	10.11	14
50:	9.02	.721	10.19	7.77	14
75:	7.56	.548	8.33	6.44	14
100:	6.73	.500	7.34	5.82	14
125:	6.23	.484	6.85	5.31	14
150:	6.11	.387	6.87	5.49	14
175:	6.02	.398	6.79	5.43	14
200:	5.79	.383	6.45	5.19	14
225:	5.51	.344	5.98	4.91	14
250:	5.24	.310	5.67	4.69	14
300:	4.78	.245	5.13	4.38	14
400:	4.27	.171	4.69	4.03	14
500:	4.03	.143	4.35	3.80	11
600:	3.82	.110	4.07	3.65	11
700:	3.63	.091	3.83	3.46	11
800:	3.45	.069	3.55	3.30	11
900:	3.27	.045	3.31	3.19	11
1000:	3.08	.043	3.13	3.00	11
1200:	2.75	.033	2.79	2.69	11
1500:	2.38	.038	2.44	2.34	7
2000:	1.97	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.438	.1084	32.661	32.220	14
10:	32.439	.1054	32.659	32.230	14
20:	32.441	.1049	32.658	32.230	14
30:	32.460	.0997	32.658	32.279	14
50:	32.588	.0967	32.740	32.420	14
75:	32.645	.1035	32.847	32.500	14
100:	32.774	.1253	33.085	32.590	14
125:	33.089	.1967	33.340	32.670	14
150:	33.515	.1411	33.657	33.284	14
175:	33.735	.0808	33.835	33.598	14
200:	33.814	.0637	33.890	33.715	14
225:	33.848	.0548	33.920	33.761	14
250:	33.870	.0446	33.930	33.792	14
300:	33.900	.0284	33.949	33.850	14
400:	33.979	.0308	34.020	33.915	14
500:	34.075	.0278	34.110	34.011	11
600:	34.153	.0211	34.188	34.105	11
700:	34.224	.0192	34.251	34.179	11
800:	34.284	.0205	34.310	34.230	11
900:	34.332	.0183	34.350	34.281	11
1000:	34.371	.0210	34.390	34.310	11
1200:	34.433	.0167	34.447	34.386	11
1500:	34.502	.0231	34.530	34.456	7
2000:	34.583	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.022	.2341	24.321	23.425	14
10:	24.029	.2260	24.327	23.477	14
20:	24.048	.2281	24.367	23.486	14
30:	24.281	.2561	25.023	24.039	14
50:	25.248	.1184	25.460	25.076	14
75:	25.512	.0914	25.634	25.362	14
100:	25.725	.1171	25.924	25.539	14
125:	26.038	.1552	26.285	25.653	14
150:	26.389	.1046	26.555	26.229	14
175:	26.573	.0536	26.668	26.491	14
200:	26.663	.0408	26.722	26.600	14
225:	26.725	.0322	26.773	26.679	14
250:	26.774	.0272	26.822	26.733	14
300:	26.852	.0219	26.897	26.817	14
400:	26.969	.0214	27.007	26.922	14
500:	27.070	.0181	27.087	27.024	11
600:	27.153	.0133	27.166	27.119	11
700:	27.229	.0150	27.246	27.193	11
800:	27.294	.0165	27.310	27.251	11
900:	27.350	.0148	27.361	27.307	11
1000:	27.398	.0177	27.412	27.346	11
1200:	27.477	.0149	27.492	27.436	11
1500:	27.569	.0205	27.588	27.522	7
2000:	27.662	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	389.8	22.34	446.8	361.3	14
10:	389.4	21.57	442.1	361.0	14
20:	387.9	21.79	441.6	357.4	14
30:	365.9	24.45	389.0	295.1	14
50:	273.9	11.31	290.3	253.6	14
75:	249.0	8.76	263.4	237.3	14
100:	229.0	11.17	246.7	210.2	14
125:	199.5	14.73	236.1	175.9	14
150:	166.5	9.92	181.6	150.7	14
175:	149.3	5.12	157.3	140.3	14
200:	141.1	3.92	147.2	135.2	14
225:	135.4	3.11	140.0	130.5	14
250:	130.9	2.64	135.0	126.1	14
300:	123.8	2.18	127.3	119.2	14
400:	113.2	2.07	117.7	109.4	14
500:	104.3	1.72	108.6	102.8	11
600:	97.1	1.27	100.2	95.6	11
700:	90.5	1.45	93.8	88.6	11
800:	84.8	1.58	88.8	83.0	11
900:	79.9	1.38	83.9	79.0	11
1000:	75.7	1.70	80.6	74.4	11
1200:	68.6	1.46	72.6	67.1	11
1500:	61.0	1.99	65.0	58.6	7
2000:	52.3	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SEPTEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.98	.913	17.30	13.38	14
10:	14.95	.906	17.11	13.38	14
20:	14.87	.934	17.11	13.33	14
30:	13.80	1.383	15.07	10.10	14
50:	9.01	.718	10.18	7.77	14
75:	7.55	.549	8.32	6.43	14
100:	6.72	.499	7.33	5.81	14
125:	6.21	.485	6.84	5.30	14
150:	6.10	.387	6.86	5.48	14
175:	6.00	.396	6.78	5.42	14
200:	5.78	.382	6.43	5.18	14
225:	5.49	.343	5.96	4.90	14
250:	5.23	.309	5.65	4.67	14
300:	4.75	.243	5.10	4.36	14
400:	4.24	.170	4.66	4.00	14
500:	3.99	.142	4.31	3.77	11
600:	3.78	.110	4.03	3.61	11
700:	3.58	.091	3.78	3.41	11
800:	3.39	.070	3.50	3.24	11
900:	3.21	.046	3.25	3.13	11
1000:	3.01	.043	3.06	2.93	11
1200:	2.67	.034	2.71	2.61	11
1500:	2.28	.039	2.34	2.24	7
2000:	1.83	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	389.8	22.34	446.8	361.3	14
10:	389.1	21.55	441.8	360.7	14
20:	387.3	21.75	440.9	356.9	14
30:	365.0	24.40	388.2	294.4	14
50:	272.9	11.29	289.3	252.8	14
75:	247.9	8.69	262.2	236.3	14
100:	227.6	11.13	245.3	208.7	14
125:	197.8	14.75	234.4	174.4	14
150:	164.5	9.95	179.7	148.7	14
175:	146.9	5.08	154.8	138.0	14
200:	138.4	3.86	144.4	132.9	14
225:	132.6	3.07	136.9	128.0	14
250:	127.9	2.58	131.8	123.4	14
300:	120.5	2.08	123.8	116.2	14
400:	109.3	2.03	113.8	105.7	14
500:	99.7	1.73	104.0	98.0	11
600:	91.7	1.28	95.0	90.5	11
700:	84.5	1.42	87.9	82.9	11
800:	78.3	1.55	82.3	76.8	11
900:	72.9	1.40	77.0	71.9	11
1000:	68.4	1.69	73.3	67.0	11
1200:	60.7	1.44	64.7	59.3	11
1500:	52.4	1.96	56.4	50.1	7
2000:	42.9	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	14
10:	.39	.022	.45	.36	14
20:	.78	.045	.90	.73	14
30:	1.16	.061	1.31	1.09	14
50:	1.80	.077	1.96	1.66	14
75:	2.45	.096	2.66	2.29	14
100:	3.09	.108	3.27	2.89	14
125:	3.58	.116	3.80	3.41	14
150:	4.09	.121	4.28	3.84	14
175:	4.43	.130	4.69	4.20	14
200:	4.79	.136	5.06	4.54	14
225:	5.14	.140	5.41	4.88	14
250:	5.47	.143	5.74	5.20	14
300:	6.11	.149	6.39	5.83	14
400:	7.28	.162	7.56	6.92	14
500:	8.36	.184	8.66	7.98	11
600:	9.36	.188	9.67	8.98	11
700:	10.30	.196	10.61	9.90	11
800:	11.17	.204	11.48	10.75	11
900:	12.00	.212	12.31	11.57	11
1000:	12.77	.217	13.09	12.34	11
1200:	14.21	.240	14.54	13.75	11
1500:	16.14	.312	16.57	15.64	7
2000:	18.93	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	14
10:	.02	.000	.02	.02	14
20:	.08	.006	.09	.07	14
30:	.18	.010	.20	.16	14
50:	.43	.018	.46	.39	14
75:	.85	.030	.90	.80	14
100:	1.38	.046	1.45	1.32	14
125:	1.99	.065	2.11	1.93	14
150:	2.63	.093	2.82	2.51	14
175:	3.28	.116	3.50	3.11	14
200:	3.97	.128	4.20	3.77	14
225:	4.72	.142	4.95	4.49	14
250:	5.53	.153	5.75	5.27	14
300:	7.31	.171	7.56	7.04	14
400:	11.49	.234	11.76	10.95	14
500:	16.43	.284	16.80	15.84	11
600:	22.05	.355	22.58	21.42	11
700:	28.26	.438	28.99	27.51	11
800:	34.96	.538	35.95	34.05	11
900:	42.08	.655	43.46	41.10	11
1000:	49.62	.746	51.35	48.61	11
1200:	65.73	1.118	68.63	64.42	11
1500:	92.47	2.076	96.83	90.34	7
2000:	142.52	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SEPTEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	-----	N/A	-----		0
10:	-----	N/A	-----		0
20:	-----	N/A	-----		0
30:	-----	N/A	-----		0
50:	-----	N/A	-----		0
75:	-----	N/A	-----		0
100:	-----	N/A	-----		0
125:	-----	N/A	-----		0
150:	-----	N/A	-----		0
175:	-----	N/A	-----		0
200:	-----	N/A	-----		0
225:	-----	N/A	-----		0
250:	-----	N/A	-----		0
300:	-----	N/A	-----		0
400:	-----	N/A	-----		0
500:	-----	N/A	-----		0
600:	-----	N/A	-----		0
700:	-----	N/A	-----		0
800:	-----	N/A	-----		0
900:	-----	N/A	-----		0
1000:	-----	N/A	-----		0
1200:	-----	N/A	-----		0
1500:	-----	N/A	-----		0
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1504	2.9	1511	1499	14
10:	1504	2.9	1511	1499	14
20:	1504	3.0	1511	1499	14
30:	1500	4.7	1505	1488	14
50:	1484	2.7	1489	1480	14
75:	1479	2.3	1483	1475	14
100:	1476	2.1	1479	1473	14
125:	1475	2.1	1478	1471	14
150:	1475	1.6	1479	1473	14
175:	1476	1.7	1480	1474	14
200:	1476	1.8	1479	1473	14
225:	1475	1.4	1477	1473	14
250:	1474	1.4	1476	1472	14
300:	1473	1.1	1475	1472	14
400:	1473	.8	1475	1472	14
500:	1473	.5	1475	1473	11
600:	1474	.5	1476	1474	11
700:	1475	.6	1477	1475	11
800:	1476	.5	1477	1476	11
900:	1477	.5	1478	1477	11
1000:	1478	.5	1479	1478	11
1200:	1480	.5	1481	1480	11
1500:	1484	.0	1484	1484	7
2000:	1491	-----	N/A	-----	1
2500:		-----	N/A	-----	0
3000:		-----	N/A	-----	0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.774	.2166	13.090	12.343	11
10:	12.381	.2058	12.644	11.961	11
20:	11.988	.1930	12.193	11.596	11
30:	11.605	.1856	11.804	11.252	11
50:	10.965	.1719	11.196	10.686	11
75:	10.312	.1586	10.538	10.053	11
100:	9.715	.1564	9.979	9.458	11
125:	9.178	.1452	9.450	8.931	11
150:	8.727	.1377	9.002	8.506	11
175:	8.339	.1333	8.618	8.142	11
200:	7.980	.1288	8.260	7.800	11
225:	7.638	.1269	7.925	7.468	11
250:	7.308	.1224	7.588	7.148	11
300:	6.671	.1189	6.949	6.517	11
400:	5.507	.0885	5.741	5.419	11
500:	4.418	.0708	4.606	4.336	11
600:	3.415	.0547	3.561	3.362	11
700:	2.478	.0415	2.593	2.449	11
800:	1.601	.0286	1.683	1.582	11
900:	.778	.0137	.815	.766	11
1000:	.000	.0000	.000	.000	11
1200:	-1.436	.0371	-1.411	-1.542	11
1500:	-3.377	.0971	-3.297	-3.588	7
2000:	-6.158	-----	N/A	-----	1
2500:		-----	N/A	-----	0
3000:		-----	N/A	-----	0

OCTOBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.61	.633	13.32	12.10	3
10:	12.55	.758	13.36	11.86	3
20:	12.54	.779	13.38	11.84	3
30:	12.55	.770	13.38	11.86	3
50:	11.15	2.353	13.32	8.65	3
75:	7.06	.510	7.57	6.55	3
100:	6.42	.226	6.66	6.21	3
125:	5.97	.338	6.18	5.58	3
150:	6.07	.272	6.24	5.76	3
175:	6.04	.090	6.10	5.94	3
200:	5.82	.072	5.88	5.74	3
225:	5.54	.081	5.61	5.45	3
250:	5.29	.137	5.45	5.20	3
300:	4.91	.064	4.98	4.86	3
400:	4.32	.026	4.34	4.29	3
500:	4.02	.042	4.05	3.99	2
600:	3.87	.014	3.88	3.86	2
700:	3.64	.000	3.64	3.64	2
800:	3.43	.007	3.44	3.43	2
900:	3.21	.000	3.21	3.21	2
1000:	3.06	.007	3.07	3.06	2
1200:	2.77	.014	2.78	2.76	2
1500:	2.34	.042	2.37	2.31	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.390	.1800	32.570	32.210	3
10:	32.370	.1505	32.509	32.210	3
20:	32.370	.1510	32.510	32.210	3
30:	32.373	.1497	32.514	32.216	3
50:	32.499	.0956	32.570	32.390	3
75:	32.601	.0549	32.664	32.570	3
100:	32.797	.1272	32.936	32.686	3
125:	33.193	.0350	33.230	33.160	3
150:	33.614	.0158	33.631	33.600	3
175:	33.807	.0275	33.839	33.790	3
200:	33.845	.0284	33.876	33.820	3
225:	33.859	.0284	33.887	33.830	3
250:	33.866	.0289	33.897	33.840	3
300:	33.885	.0332	33.916	33.850	3
400:	33.956	.0211	33.977	33.935	3
500:	34.043	.0113	34.051	34.035	2
600:	34.140	.0148	34.151	34.130	2
700:	34.218	.0282	34.238	34.198	2
800:	34.271	.0162	34.283	34.260	2
900:	34.311	.0295	34.332	34.290	2
1000:	34.342	.0170	34.354	34.330	2
1200:	34.408	.0110	34.416	34.400	2
1500:	34.484	.0233	34.501	34.468	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.470	.2067	24.708	24.333	3
10:	24.467	.2079	24.706	24.326	3
20:	24.468	.2113	24.710	24.322	3
30:	24.469	.2105	24.710	24.321	3
50:	24.807	.4811	25.295	24.333	3
75:	25.547	.0815	25.598	25.453	3
100:	25.785	.0980	25.898	25.724	3
125:	26.153	.0231	26.175	26.129	3
150:	26.472	.0257	26.500	26.450	3
175:	26.628	.0185	26.647	26.610	3
200:	26.686	.0315	26.720	26.658	3
225:	26.731	.0294	26.764	26.707	3
250:	26.765	.0321	26.802	26.742	3
300:	26.826	.0273	26.855	26.801	3
400:	26.946	.0190	26.966	26.928	3
500:	27.046	.0127	27.055	27.037	2
600:	27.139	.0100	27.146	27.132	2
700:	27.227	.0219	27.239	27.208	2
800:	27.286	.0127	27.295	27.277	2
900:	27.338	.0233	27.355	27.322	2
1000:	27.377	.0142	27.387	27.367	2
1200:	27.456	.0083	27.462	27.450	2
1500:	27.553	.0151	27.564	27.543	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	347.1	19.68	360.2	324.5	3
10:	347.6	19.80	361.1	324.9	3
20:	347.8	20.14	361.7	324.7	3
30:	347.9	20.09	362.0	324.9	3
50:	316.0	46.01	361.4	269.4	3
75:	245.7	7.83	254.7	240.8	3
100:	223.2	9.27	228.9	212.5	3
125:	188.5	2.26	190.9	186.4	3
150:	158.7	2.52	160.8	155.9	3
175:	144.2	1.80	146.0	142.4	3
200:	139.0	3.00	141.6	135.7	3
225:	134.8	2.79	137.1	131.7	3
250:	131.7	3.10	134.0	128.2	3
300:	126.3	2.63	128.7	123.5	3
400:	115.4	1.85	117.2	113.5	3
500:	106.6	1.27	107.5	105.7	2
600:	98.5	.92	99.2	97.9	2
700:	91.0	2.12	92.5	89.5	2
800:	85.5	1.13	86.3	84.7	2
900:	80.8	2.19	82.4	79.3	2
1000:	77.5	1.34	78.5	76.6	2
1200:	70.6	.71	71.1	70.1	2
1500:	61.7	1.20	62.6	60.9	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

OCTOBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.61	.633	13.32	12.10	3
10:	12.54	.753	13.35	11.86	3
20:	12.54	.773	13.37	11.84	3
30:	12.55	.774	13.38	11.85	3
50:	11.14	2.353	13.31	8.64	3
75:	7.05	.510	7.56	6.54	3
100:	6.41	.226	6.65	6.20	3
125:	5.96	.338	6.17	5.57	3
150:	6.06	.269	6.22	5.75	3
175:	6.03	.093	6.09	5.92	3
200:	5.80	.076	5.87	5.72	3
225:	5.52	.081	5.59	5.43	3
250:	5.27	.137	5.43	5.18	3
300:	4.89	.064	4.96	4.84	3
400:	4.29	.029	4.31	4.26	3
500:	3.98	.035	4.01	3.96	2
600:	3.83	.014	3.84	3.82	2
700:	3.59	.000	3.59	3.59	2
800:	3.37	.007	3.38	3.37	2
900:	3.15	.000	3.15	3.15	2
1000:	2.99	.007	3.00	2.99	2
1200:	2.68	.007	2.69	2.68	2
1500:	2.24	.042	2.27	2.21	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	347.1	19.68	360.2	324.5	3
10:	347.4	19.77	360.8	324.7	3
20:	347.3	20.14	361.2	324.2	3
30:	347.2	20.05	361.2	324.2	3
50:	314.9	45.76	360.0	268.5	3
75:	244.6	7.75	253.5	239.7	3
100:	221.9	9.36	227.7	211.1	3
125:	186.9	2.17	189.2	184.9	3
150:	156.7	2.41	158.7	154.0	3
175:	141.8	1.75	143.5	140.0	3
200:	136.3	2.95	138.9	133.1	3
225:	132.0	2.77	134.3	128.9	3
250:	128.7	3.06	130.9	125.2	3
300:	123.0	2.58	125.3	120.2	3
400:	111.5	1.80	113.2	109.6	3
500:	101.9	1.20	102.8	101.1	2
600:	93.1	.99	93.8	92.4	2
700:	85.0	2.12	86.5	83.5	2
800:	79.0	1.20	79.9	78.2	2
900:	74.0	2.26	75.6	72.4	2
1000:	70.3	1.34	71.3	69.4	2
1200:	62.7	.78	63.3	62.2	2
1500:	53.4	1.41	54.4	52.4	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	3
10:	.35	.017	.36	.33	3
20:	.69	.038	.72	.65	3
30:	1.04	.061	1.08	.97	3
50:	1.72	.085	1.81	1.64	3
75:	2.42	.131	2.57	2.33	3
100:	3.00	.155	3.18	2.89	3
125:	3.52	.155	3.69	3.39	3
150:	3.95	.150	4.12	3.83	3
175:	4.33	.150	4.50	4.21	3
200:	4.68	.153	4.85	4.55	3
225:	5.03	.152	5.19	4.89	3
250:	5.36	.161	5.53	5.21	3
300:	6.00	.170	6.18	5.84	3
400:	7.22	.210	7.44	7.02	3
500:	8.43	.163	8.55	8.32	2
600:	9.45	.156	9.56	9.34	2
700:	10.39	.177	10.52	10.27	2
800:	11.27	.184	11.40	11.14	2
900:	12.10	.198	12.24	11.96	2
1000:	12.89	.219	13.05	12.74	2
1200:	14.37	.240	14.54	14.20	2
1500:	16.36	.269	16.55	16.17	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	3
10:	.02	.000	.02	.02	3
20:	.07	.000	.07	.07	3
30:	.16	.010	.17	.15	3
50:	.43	.023	.46	.42	3
75:	.88	.057	.94	.83	3
100:	1.39	.075	1.48	1.35	3
125:	1.99	.074	2.07	1.93	3
150:	2.59	.062	2.66	2.54	3
175:	3.22	.062	3.29	3.17	3
200:	3.89	.070	3.96	3.82	3
225:	4.63	.080	4.71	4.55	3
250:	5.44	.097	5.52	5.33	3
300:	7.24	.136	7.35	7.09	3
400:	11.61	.277	11.87	11.32	3
500:	16.89	.170	16.96	16.72	2
600:	22.53	.170	22.65	22.41	2
700:	28.80	.283	29.00	28.60	2
800:	35.48	.339	35.72	35.24	2
900:	42.69	.488	43.04	42.35	2
1000:	50.35	.665	50.82	49.88	2
1200:	66.91	.926	67.57	66.26	2
1500:	94.23	1.329	95.17	93.29	2
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

OCTOBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	-----	N/A	-----		0
10:	-----	N/A	-----		0
20:	-----	N/A	-----		0
30:	-----	N/A	-----		0
50:	-----	N/A	-----		0
75:	-----	N/A	-----		0
100:	-----	N/A	-----		0
125:	-----	N/A	-----		0
150:	-----	N/A	-----		0
175:	-----	N/A	-----		0
200:	-----	N/A	-----		0
225:	-----	N/A	-----		0
250:	-----	N/A	-----		0
300:	-----	N/A	-----		0
400:	-----	N/A	-----		0
500:	-----	N/A	-----		0
600:	-----	N/A	-----		0
700:	-----	N/A	-----		0
800:	-----	N/A	-----		0
900:	-----	N/A	-----		0
1000:	-----	N/A	-----		0
1200:	-----	N/A	-----		0
1500:	-----	N/A	-----		0
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1496	2.3	1499	1495	3
10:	1496	2.5	1499	1494	3
20:	1496	2.5	1499	1494	3
30:	1496	2.5	1499	1494	3
50:	1492	8.5	1500	1483	3
75:	1477	2.0	1479	1475	3
100:	1475	1.2	1476	1474	3
125:	1474	1.2	1475	1473	3
150:	1476	1.2	1477	1475	3
175:	1476	.6	1477	1476	3
200:	1476	.0	1476	1476	3
225:	1475	.6	1476	1475	3
250:	1474	.6	1475	1474	3
300:	1474	.0	1474	1474	3
400:	1473	.0	1473	1473	3
500:	1474	.0	1474	1474	2
600:	1475	.0	1475	1475	2
700:	1476	.0	1476	1476	2
800:	1477	.0	1477	1477	2
900:	1477	.0	1477	1477	2
1000:	1478	.0	1478	1478	2
1200:	1480	.7	1481	1480	2
1500:	1484	.0	1484	1484	2
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.893	.2192	13.048	12.738	2
10:	12.534	.2164	12.687	12.381	2
20:	12.175	.2135	12.326	12.024	2
30:	11.815	.2100	11.964	11.667	2
50:	11.127	.1520	11.235	11.020	2
75:	10.429	.0651	10.475	10.383	2
100:	9.832	.0549	9.871	9.794	2
125:	9.310	.0622	9.354	9.266	2
150:	8.877	.0728	8.929	8.826	2
175:	8.498	.0728	8.550	8.447	2
200:	8.144	.0792	8.200	8.088	2
225:	7.797	.0820	7.855	7.739	2
250:	7.460	.0827	7.519	7.402	2
300:	6.807	.0813	6.865	6.750	2
400:	5.565	.0580	5.606	5.524	2
500:	4.457	.0566	4.497	4.417	2
600:	3.443	.0587	3.485	3.402	2
700:	2.497	.0431	2.528	2.467	2
800:	1.624	.0354	1.649	1.599	2
900:	.790	.0184	.803	.777	2
1000:	.000	.0000	.000	.000	2
1200:	-1.478	.0233	-1.462	-1.495	2
1500:	-3.468	.0537	-3.430	-3.506	2
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0

NOVEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.80	.283	11.00	10.60	2
10:	10.72	.170	10.84	10.60	2
20:	10.72	.170	10.84	10.60	2
30:	10.72	.163	10.84	10.61	2
50:	10.62	.049	10.66	10.59	2
75:	8.55	.742	9.08	8.03	2
100:	6.62	.304	6.84	6.41	2
125:	6.27	.707	6.77	5.77	2
150:	6.24	.870	6.86	5.63	2
175:	6.11	.820	6.69	5.53	2
200:	5.83	.686	6.32	5.35	2
225:	5.54	.552	5.93	5.15	2
250:	5.24	.445	5.56	4.93	2
300:	4.73	.276	4.93	4.54	2
400:	4.23	.226	4.39	4.07	2
500:	3.99	.255	4.17	3.81	2
600:	3.77	.156	3.88	3.66	2
700:	3.57	.085	3.63	3.51	2
800:	3.38	.057	3.42	3.34	2
900:	3.20	.049	3.24	3.17	2
1000:	3.03	.035	3.06	3.01	2
1200:	2.72	.007	2.73	2.72	2
1500:	2.35	.057	2.39	2.31	2
2000:	1.94	----- N/A -----			1
2500:	1.75	----- N/A -----			1
3000:	1.61	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.605	.1485	32.710	32.500	2
10:	32.594	.1336	32.689	32.500	2
20:	32.596	.1358	32.692	32.500	2
30:	32.596	.1358	32.692	32.500	2
50:	32.591	.1287	32.682	32.500	2
75:	32.700	.0564	32.740	32.660	2
100:	32.871	.1287	32.962	32.780	2
125:	33.252	.0502	33.288	33.217	2
150:	33.700	.0228	33.716	33.684	2
175:	33.836	.0148	33.847	33.826	2
200:	33.859	.0210	33.874	33.844	2
225:	33.869	.0127	33.878	33.860	2
250:	33.870	.0046	33.873	33.868	2
300:	33.896	.0296	33.917	33.875	2
400:	33.985	.0549	34.024	33.947	2
500:	34.084	.0388	34.112	34.057	2
600:	34.155	.0339	34.179	34.131	2
700:	34.226	.0411	34.255	34.197	2
800:	34.285	.0418	34.315	34.256	2
900:	34.334	.0318	34.357	34.312	2
1000:	34.379	.0326	34.402	34.356	2
1200:	34.439	.0458	34.472	34.407	2
1500:	34.517	.0459	34.550	34.485	2
2000:	34.573	----- N/A -----			1
2500:	34.609	----- N/A -----			1
3000:	34.645	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.970	.0658	25.017	24.924	2
10:	24.976	.0742	25.029	24.924	2
20:	24.977	.0757	25.031	24.924	2
30:	24.977	.0771	25.032	24.923	2
50:	24.990	.0905	25.054	24.926	2
75:	25.409	.0679	25.457	25.361	2
100:	25.816	.0615	25.860	25.773	2
125:	26.161	.0502	26.197	26.126	2
150:	26.515	.0940	26.582	26.449	2
175:	26.640	.0926	26.706	26.575	2
200:	26.693	.0679	26.741	26.645	2
225:	26.737	.0573	26.778	26.697	2
250:	26.775	.0495	26.810	26.740	2
300:	26.853	.0549	26.892	26.815	2
400:	26.979	.0665	27.026	26.932	2
500:	27.081	.0573	27.122	27.041	2
600:	27.160	.0432	27.191	27.130	2
700:	27.237	.0410	27.266	27.208	2
800:	27.302	.0388	27.330	27.275	2
900:	27.357	.0289	27.378	27.337	2
1000:	27.408	.0290	27.429	27.388	2
1200:	27.485	.0368	27.511	27.459	2
1500:	27.579	.0417	27.609	27.550	2
2000:	27.656	----- N/A -----			1
2500:	27.700	----- N/A -----			1
3000:	27.739	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	299.4	6.29	303.9	295.0	2
10:	299.1	7.00	304.1	294.2	2
20:	299.2	7.21	304.3	294.1	2
30:	299.4	7.35	304.6	294.2	2
50:	298.6	8.63	304.7	292.5	2
75:	258.9	6.58	263.6	254.3	2
100:	220.3	5.80	224.4	216.2	2
125:	187.8	5.02	191.4	184.3	2
150:	154.6	9.19	161.1	148.1	2
175:	143.0	9.12	149.5	136.6	2
200:	138.3	6.79	143.1	133.5	2
225:	134.2	5.66	138.2	130.2	2
250:	130.8	4.95	134.3	127.3	2
300:	123.5	5.30	127.3	119.8	2
400:	112.3	6.51	116.9	107.7	2
500:	103.2	5.66	107.2	99.2	2
600:	96.3	4.24	99.3	93.3	2
700:	89.6	4.03	92.5	86.8	2
800:	83.8	3.75	86.5	81.2	2
900:	79.0	2.76	81.0	77.1	2
1000:	74.5	2.76	76.5	72.6	2
1200:	67.8	3.46	70.3	65.4	2
1500:	59.4	4.10	62.3	56.5	2
2000:	52.7	----- N/A -----			1
2500:	49.5	----- N/A -----			1
3000:	46.5	----- N/A -----			1

NOVEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.60	.283	11.00	10.60	2
10:	10.72	.170	10.84	10.60	2
20:	10.72	.170	10.84	10.60	2
30:	10.71	.163	10.83	10.60	2
50:	10.62	.057	10.66	10.58	2
75:	8.54	.742	9.07	8.02	2
100:	6.62	.311	6.84	6.40	2
125:	6.26	.707	6.76	5.76	2
150:	6.23	.877	6.85	5.61	2
175:	6.09	.827	6.68	5.51	2
200:	5.82	.679	6.30	5.34	2
225:	5.52	.552	5.91	5.13	2
250:	5.22	.438	5.53	4.91	2
300:	4.71	.283	4.91	4.51	2
400:	4.20	.226	4.36	4.04	2
500:	3.96	.255	4.14	3.78	2
600:	3.73	.156	3.84	3.62	2
700:	3.52	.085	3.58	3.46	2
800:	3.32	.057	3.36	3.28	2
900:	3.14	.042	3.17	3.11	2
1000:	2.96	.035	2.99	2.94	2
1200:	2.64	.007	2.65	2.64	2
1500:	2.24	.057	2.28	2.20	2
2000:	1.80	----- N/A -----			1
2500:	1.58	----- N/A -----			1
3000:	1.39	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	299.4	6.29	303.9	295.0	2
10:	299.9	7.07	303.9	293.9	2
20:	298.7	7.28	303.9	293.6	2
30:	298.7	7.28	303.9	293.6	2
50:	297.5	8.63	303.6	291.4	2
75:	257.6	6.43	262.2	253.1	2
100:	218.9	5.80	223.0	214.8	2
125:	186.1	4.81	189.5	182.7	2
150:	152.5	8.91	158.8	146.2	2
175:	140.6	8.77	146.8	134.4	2
200:	135.5	6.43	140.1	131.0	2
225:	131.3	5.30	135.1	127.6	2
250:	127.8	4.67	131.1	124.5	2
300:	120.3	5.16	124.0	116.7	2
400:	108.3	6.29	112.8	103.9	2
500:	98.6	5.37	102.4	94.8	2
600:	91.0	4.03	93.9	88.2	2
700:	83.7	3.89	86.5	81.0	2
800:	77.5	3.68	80.1	74.9	2
900:	72.2	2.69	74.1	70.3	2
1000:	67.3	2.76	69.3	65.4	2
1200:	60.0	3.46	62.5	57.6	2
1500:	51.0	3.96	53.8	48.2	2
2000:	43.5	----- N/A -----			1
2500:	39.1	----- N/A -----			1
3000:	35.1	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	2
10:	.29	.007	.30	.29	2
20:	.60	.014	.61	.59	2
30:	.89	.021	.91	.88	2
50:	1.50	.035	1.53	1.48	2
75:	2.20	.028	2.22	2.18	2
100:	2.79	.028	2.81	2.77	2
125:	3.31	.028	3.33	3.29	2
150:	3.73	.014	3.74	3.72	2
175:	4.10	.007	4.11	4.10	2
200:	4.45	.028	4.47	4.43	2
225:	4.79	.042	4.82	4.76	2
250:	5.12	.049	5.16	5.09	2
300:	5.76	.085	5.82	5.70	2
400:	6.93	.148	7.04	6.83	2
500:	8.01	.212	8.16	7.86	2
600:	9.01	.255	9.19	8.83	2
700:	9.93	.304	10.15	9.72	2
800:	10.80	.339	11.04	10.56	2
900:	11.61	.375	11.88	11.35	2
1000:	12.38	.396	12.66	12.10	2
1200:	13.79	.474	14.13	13.46	2
1500:	15.70	.580	16.11	15.29	2
2000:	18.97	----- N/A -----			1
2500:	21.53	----- N/A -----			1
3000:	23.92	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	2
10:	.01	.007	.02	.01	2
20:	.06	.000	.06	.06	2
30:	.13	.007	.14	.13	2
50:	.38	.007	.39	.38	2
75:	.82	.007	.83	.82	2
100:	1.35	.000	1.35	1.35	2
125:	1.94	.007	1.95	1.94	2
150:	2.53	.021	2.55	2.52	2
175:	3.15	.057	3.19	3.11	2
200:	3.81	.092	3.88	3.75	2
225:	4.54	.134	4.64	4.45	2
250:	5.36	.156	5.47	5.25	2
300:	7.14	.226	7.30	6.98	2
400:	11.32	.460	11.65	11.00	2
500:	16.26	.735	16.78	15.74	2
600:	21.84	1.018	22.56	21.12	2
700:	27.98	1.308	28.91	27.06	2
800:	34.62	1.598	35.75	33.49	2
900:	41.63	1.930	43.00	40.27	2
1000:	49.06	2.178	50.60	47.52	2
1200:	64.96	2.942	67.04	62.88	2
1500:	91.14	4.455	94.29	87.99	2
2000:	145.11	----- N/A -----			1
2500:	203.68	----- N/A -----			1
3000:	270.85	----- N/A -----			1

NOVEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.55	----- N/A -----			1
10:	6.43	----- N/A -----			1
20:	6.41	----- N/A -----			1
30:	6.40	----- N/A -----			1
50:	6.39	----- N/A -----			1
75:	6.44	----- N/A -----			1
100:	6.39	----- N/A -----			1
125:	5.82	----- N/A -----			1
150:	5.10	----- N/A -----			1
175:	4.71	----- N/A -----			1
200:	4.26	----- N/A -----			1
225:	3.86	----- N/A -----			1
250:	3.58	----- N/A -----			1
300:	2.99	----- N/A -----			1
400:	1.90	----- N/A -----			1
500:	1.14	----- N/A -----			1
600:	.83	----- N/A -----			1
700:	.68	----- N/A -----			1
800:	.58	----- N/A -----			1
900:	.54	----- N/A -----			1
1000:	.51	----- N/A -----			1
1200:	.48	----- N/A -----			1
1500:	.73	----- N/A -----			1
2000:	1.46	----- N/A -----			1
2500:	1.89	----- N/A -----			1
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1490	1.4	1491	1489	2
10:	1490	.7	1491	1490	2
20:	1490	.7	1491	1490	2
30:	1490	.7	1491	1490	2
50:	1490	.7	1491	1490	2
75:	1483	2.8	1485	1481	2
100:	1476	1.4	1477	1475	2
125:	1476	2.8	1478	1474	2
150:	1476	3.5	1479	1474	2
175:	1476	3.5	1479	1474	2
200:	1476	2.8	1478	1474	2
225:	1475	2.1	1477	1474	2
250:	1474	2.1	1476	1473	2
300:	1473	.7	1474	1473	2
400:	1473	1.4	1474	1472	2
500:	1473	.7	1474	1473	2
600:	1474	.7	1475	1474	2
700:	1475	.7	1476	1475	2
800:	1476	.0	1476	1476	2
900:	1477	.0	1477	1477	2
1000:	1478	.0	1478	1478	2
1200:	1480	.0	1480	1480	2
1500:	1484	.0	1484	1484	2
2000:	1490	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1

DELTA -DM

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.379	.4009	12.663	12.096	2
10:	12.080	.4073	12.368	11.792	2
20:	11.779	.4172	12.074	11.484	2
30:	11.481	.4221	11.780	11.183	2
50:	10.876	.4398	11.187	10.565	2
75:	10.178	.4306	10.483	9.874	2
100:	9.590	.4278	9.893	9.288	2
125:	9.068	.4320	9.374	8.763	2
150:	8.647	.4151	8.941	8.354	2
175:	8.278	.3932	8.556	8.000	2
200:	7.926	.3734	8.190	7.662	2
225:	7.588	.3543	7.839	7.338	2
250:	7.254	.3451	7.498	7.010	2
300:	6.619	.3196	6.845	6.393	2
400:	5.445	.2546	5.625	5.265	2
500:	4.369	.1937	4.506	4.232	2
600:	3.372	.1450	3.475	3.270	2
700:	2.444	.1011	2.516	2.373	2
800:	1.576	.0643	1.622	1.531	2
900:	.767	.0247	.785	.750	2
1000:	.000	.0000	.000	.000	2
1200:	-1.417	.0700	-1.368	-1.467	2
1500:	-3.321	.1789	-3.195	-3.448	2
2000:	-6.308	----- N/A -----			1
2500:	-8.862	----- N/A -----			1
3000:	-11.259	----- N/A -----			1

DECEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.48	.726	10.38	8.34	10
10:	9.45	.781	10.39	8.33	10
20:	9.43	.775	10.39	8.30	10
30:	9.41	.751	10.37	8.31	10
50:	9.37	.721	10.29	8.30	10
75:	8.03	1.141	9.64	6.48	10
100:	6.63	.672	7.57	5.70	10
125:	6.31	.503	7.04	5.77	10
150:	6.36	.409	7.02	5.67	9
175:	6.21	.443	6.86	5.51	9
200:	5.96	.474	6.59	5.19	9
225:	5.64	.442	6.23	4.95	9
250:	5.37	.389	6.01	4.79	9
300:	4.88	.316	5.51	4.39	9
400:	4.29	.157	4.48	3.96	7
500:	4.00	.113	4.13	3.82	7
600:	3.78	.084	3.88	3.65	7
700:	3.58	.042	3.66	3.54	7
800:	3.40	.042	3.47	3.36	7
900:	3.22	.016	3.24	3.20	7
1000:	3.05	.024	3.09	3.03	7
1200:	2.74	.046	2.83	2.69	7
1500:	2.35	.040	2.38	2.28	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.472	.1279	32.698	32.340	10
10:	32.478	.1196	32.695	32.340	10
20:	32.481	.1161	32.692	32.340	10
30:	32.486	.1183	32.693	32.345	10
50:	32.511	.1148	32.698	32.350	10
75:	32.704	.1596	32.950	32.450	10
100:	32.930	.1169	33.145	32.790	10
125:	33.303	.1726	33.670	33.070	10
150:	33.669	.1005	33.850	33.540	9
175:	33.816	.0553	33.890	33.696	9
200:	33.866	.0440	33.930	33.768	9
225:	33.881	.0379	33.925	33.799	9
250:	33.888	.0406	33.940	33.810	9
300:	33.906	.0303	33.960	33.853	9
400:	33.977	.0198	34.007	33.960	7
500:	34.068	.0174	34.085	34.041	7
600:	34.143	.0167	34.159	34.112	7
700:	34.219	.0126	34.241	34.201	7
800:	34.282	.0124	34.300	34.260	7
900:	34.331	.0148	34.350	34.315	7
1000:	34.369	.0105	34.382	34.355	7
1200:	34.436	.0144	34.454	34.420	7
1500:	34.512	.0113	34.525	34.497	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.086	.1778	25.365	24.891	10
10:	25.096	.1810	25.365	24.889	10
20:	25.100	.1773	25.365	24.903	10
30:	25.108	.1719	25.373	24.921	10
50:	25.134	.1605	25.373	24.943	10
75:	25.486	.2555	25.809	25.046	10
100:	25.859	.0757	25.979	25.724	10
125:	26.196	.1249	26.455	26.058	10
150:	26.478	.0772	26.624	26.335	9
175:	26.613	.0533	26.675	26.545	9
200:	26.684	.0488	26.733	26.613	9
225:	26.735	.0343	26.765	26.669	9
250:	26.774	.0286	26.803	26.719	9
300:	26.843	.0227	26.879	26.804	9
400:	26.971	.0232	27.001	26.932	7
500:	27.068	.0183	27.090	27.037	7
600:	27.150	.0158	27.167	27.117	7
700:	27.230	.0123	27.252	27.214	7
800:	27.297	.0119	27.316	27.279	7
900:	27.358	.0122	27.367	27.340	7
1000:	27.400	.0101	27.412	27.388	7
1200:	27.481	.0136	27.499	27.460	7
1500:	27.575	.0097	27.588	27.563	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	288.5	16.91	307.0	262.0	10
10:	287.7	17.22	307.4	262.1	10
20:	287.5	16.87	306.3	262.3	10
30:	286.9	16.38	304.7	261.7	10
50:	284.8	15.32	303.0	262.0	10
75:	251.6	24.49	293.7	220.7	10
100:	216.2	7.24	229.3	205.0	10
125:	184.6	11.85	197.7	160.1	10
150:	158.2	7.36	171.8	144.3	9
175:	145.6	5.16	152.2	139.7	9
200:	139.2	4.79	146.2	134.6	9
225:	134.5	3.43	141.0	131.5	9
250:	131.0	2.86	136.4	128.3	9
300:	124.6	2.33	128.5	121.1	9
400:	113.0	2.32	117.0	110.1	7
500:	104.5	1.81	107.5	102.3	7
600:	97.3	1.54	100.5	95.7	7
700:	90.3	1.23	91.9	88.1	7
800:	84.4	1.15	86.1	82.6	7
900:	79.4	1.17	80.6	78.1	7
1000:	75.4	1.00	76.6	74.3	7
1200:	68.2	1.36	70.5	66.5	7
1500:	59.8	.94	61.0	58.4	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DECEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.48	.726	10.38	8.34	10
10:	9.45	.782	10.39	8.32	10
20:	9.43	.775	10.39	8.30	10
30:	9.41	.751	10.37	8.31	10
50:	9.36	.720	10.28	8.30	10
75:	8.02	1.140	9.63	6.43	10
100:	6.62	.672	7.56	5.69	10
125:	6.30	.501	7.03	5.76	10
150:	6.35	.409	7.01	5.66	9
175:	6.19	.440	6.84	5.50	9
200:	5.94	.472	6.57	5.18	9
225:	5.62	.441	6.21	4.93	9
250:	5.35	.389	5.99	4.77	9
300:	4.86	.316	5.49	4.37	9
400:	4.21	.157	4.45	3.93	7
500:	3.97	.109	4.09	3.79	7
600:	3.74	.082	3.83	3.61	7
700:	3.53	.042	3.61	3.49	7
800:	3.35	.039	3.41	3.30	7
900:	3.15	.021	3.18	3.13	7
1000:	2.98	.029	3.02	2.96	7
1200:	2.66	.047	2.75	2.61	7
1500:	2.25	.040	2.28	2.18	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	288.5	16.93	307.0	261.9	10
10:	287.5	17.22	307.2	261.9	10
20:	287.1	16.86	305.8	261.9	10
30:	286.3	16.35	304.1	261.2	10
50:	283.8	15.27	302.0	261.1	10
75:	250.4	24.29	292.2	219.7	10
100:	219.8	7.18	227.7	203.5	10
125:	182.8	11.85	196.0	158.3	10
150:	156.0	7.31	169.6	142.2	9
175:	143.2	5.02	149.6	137.3	9
200:	136.5	4.63	143.2	131.8	9
225:	131.6	3.24	137.8	128.8	9
250:	127.9	2.70	133.1	125.2	9
300:	121.3	2.14	125.0	117.9	9
400:	109.1	2.19	112.8	106.3	7
500:	99.9	1.72	102.8	97.8	7
600:	92.1	1.47	95.1	90.5	7
700:	84.4	1.18	86.0	82.3	7
800:	78.0	1.13	79.7	76.2	7
900:	72.6	1.17	73.9	71.3	7
1000:	68.2	.94	69.3	67.1	7
1200:	60.4	1.29	62.4	58.8	7
1500:	51.4	.91	52.5	50.2	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	10
10:	.29	.019	.31	.26	10
20:	.58	.035	.62	.52	10
30:	.86	.051	.92	.79	10
50:	1.44	.085	1.54	1.31	10
75:	2.11	.108	2.29	1.93	10
100:	2.69	.129	2.95	2.46	10
125:	3.20	.136	3.47	2.96	10
150:	3.62	.151	3.91	3.40	9
175:	4.00	.156	4.29	3.77	9
200:	4.35	.162	4.66	4.12	9
225:	4.69	.167	5.02	4.46	9
250:	5.03	.171	5.36	4.79	9
300:	5.67	.178	6.02	5.42	9
400:	6.78	.152	7.04	6.59	7
500:	7.87	.170	8.17	7.65	7
600:	8.88	.186	9.22	8.66	7
700:	9.81	.194	10.17	9.58	7
800:	10.69	.201	11.06	10.45	7
900:	11.51	.210	11.90	11.26	7
1000:	12.28	.211	12.67	12.03	7
1200:	13.72	.220	14.11	13.45	7
1500:	15.63	.252	16.01	15.34	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	10
10:	.01	.005	.02	.01	10
20:	.06	.004	.06	.05	10
30:	.13	.008	.14	.12	10
50:	.37	.022	.39	.33	10
75:	.80	.043	.89	.73	10
100:	1.31	.067	1.46	1.20	10
125:	1.89	.080	2.06	1.77	10
150:	2.48	.104	2.68	2.32	9
175:	3.10	.119	3.31	2.91	9
200:	3.78	.138	4.02	3.57	9
225:	4.52	.155	4.80	4.29	9
250:	5.33	.169	5.62	5.08	9
300:	7.13	.189	7.46	6.86	9
400:	11.19	.269	11.67	10.83	7
500:	16.18	.354	16.82	15.70	7
600:	21.85	.455	22.71	21.25	7
700:	28.09	.533	29.04	27.33	7
800:	34.72	.605	35.82	33.83	7
900:	41.83	.690	43.05	40.78	7
1000:	49.30	.753	50.59	48.16	7
1200:	65.37	.881	66.62	63.96	7
1500:	91.54	1.184	92.77	89.71	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DECEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1485	2.7	1489	1481	10
10:	1485	2.8	1489	1481	10
20:	1485	2.9	1489	1481	10
30:	1485	2.8	1489	1481	10
50:	1485	2.6	1489	1482	10
75:	1481	4.3	1487	1475	10
100:	1476	2.7	1480	1473	10
125:	1476	2.3	1479	1474	10
150:	1477	1.8	1480	1474	9
175:	1477	1.9	1480	1474	9
200:	1476	2.0	1479	1473	9
225:	1475	1.7	1478	1473	9
250:	1475	1.6	1478	1473	9
300:	1474	1.5	1477	1472	9
400:	1473	.6	1474	1472	7
500:	1473	.5	1474	1473	7
600:	1474	.5	1475	1474	7
700:	1475	.5	1476	1475	7
800:	1476	.5	1477	1476	7
900:	1477	.0	1477	1477	7
1000:	1478	.4	1479	1478	7
1200:	1480	.5	1481	1480	7
1500:	1484	.0	1484	1484	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.281	.2125	12.674	12.027	7
10:	11.990	.2068	12.380	11.765	7
20:	11.700	.2013	12.083	11.503	7
30:	11.410	.1978	11.788	11.199	7
50:	10.834	.1961	11.206	10.593	7
75:	10.174	.1885	10.519	9.929	7
100:	9.608	.1796	9.932	9.369	7
125:	9.114	.1673	9.415	8.870	7
150:	8.688	.1544	8.955	8.446	7
175:	8.314	.1446	8.551	8.076	7
200:	7.963	.1386	8.181	7.729	7
225:	7.626	.1350	7.834	7.396	7
250:	7.298	.1320	7.498	7.070	7
300:	6.658	.1376	6.857	6.412	7
400:	5.501	.0769	5.629	5.387	7
500:	4.412	.0567	4.506	4.324	7
600:	3.402	.0412	3.455	3.334	7
700:	2.467	.0300	2.501	2.416	7
800:	1.592	.0193	1.617	1.564	7
900:	.772	.0094	.786	.760	7
1000:	.000	.0000	.000	.000	7
1200:	-1.433	.0197	-1.409	-1.459	7
1500:	-3.337	.0390	-3.282	-3.387	6
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0

Table 9. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 8.

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.55	----- N/A -----			1
23.8:	15.48	.269	15.67	15.29	2
24.0:	14.98	.383	15.42	14.50	9
24.2:	14.23	.385	14.91	13.52	22
24.4:	13.14	.460	14.02	12.18	32
24.6:	12.14	.440	13.02	11.44	35
24.8:	11.13	.432	12.00	10.40	41
25.0:	10.07	.414	10.94	9.19	55
25.2:	9.03	.418	10.06	8.18	69
25.4:	7.98	.422	9.20	7.15	93
25.6:	7.02	.505	8.49	5.99	118
25.8:	6.39	.615	8.00	5.07	129
26.0:	6.19	.539	7.73	5.15	129
26.2:	6.12	.481	7.51	5.25	128
26.4:	6.07	.450	7.29	5.25	128
26.6:	5.91	.402	6.96	4.94	128
26.8:	5.03	.288	5.78	4.38	128
27.0:	4.20	.180	4.69	3.76	104
27.2:	3.69	.108	3.98	3.50	99
27.4:	3.06	.068	3.21	2.80	96
27.6:	2.27	.077	2.40	2.16	15

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	32.373	----- N/A -----			1
23.8:	32.315	.1202	32.400	32.230	2
24.0:	32.413	.1043	32.530	32.274	9
24.2:	32.475	.1002	32.660	32.309	22
24.4:	32.477	.1112	32.674	32.235	32
24.6:	32.499	.1004	32.687	32.309	35
24.8:	32.515	.0945	32.699	32.317	41
25.0:	32.521	.0922	32.715	32.345	55
25.2:	32.556	.0866	32.745	32.367	69
25.4:	32.595	.0813	32.824	32.449	93
25.6:	32.674	.0917	32.949	32.497	118
25.8:	32.821	.1045	33.136	32.611	129
26.0:	33.045	.0893	33.331	32.878	129
26.2:	33.285	.0792	33.533	33.152	128
26.4:	33.528	.0725	33.744	33.403	128
26.6:	33.753	.0637	33.925	33.608	128
26.8:	33.872	.0420	33.991	33.781	128
27.0:	34.010	.0242	34.078	33.955	104
27.2:	34.196	.0139	34.233	34.172	99
27.4:	34.371	.0079	34.389	34.341	96
27.6:	34.538	.0070	34.550	34.528	15

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	22	----- N/A -----			1
23.8:	23	1.4	24	22	2
24.0:	21	8.8	29	5	9
24.2:	23	8.6	34	9	22
24.4:	26	9.5	51	3	32
24.6:	29	10.3	55	6	35
24.8:	33	9.8	59	15	41
25.0:	36	13.8	74	0	55
25.2:	44	14.9	80	1	69
25.4:	58	17.0	103	9	93
25.6:	76	19.1	117	8	118
25.8:	99	11.9	130	67	129
26.0:	114	11.2	140	74	129
26.2:	126	12.1	156	82	128
26.4:	141	12.7	176	92	128
26.6:	171	14.0	208	137	128
26.8:	260	23.4	337	216	128
27.0:	417	30.7	516	367	104
27.2:	647	35.2	787	576	99
27.4:	986	45.6	1194	904	96
27.6:	1567	100.9	1742	1437	15

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	430.6	----- N/A -----			1
23.8:	411.5	.14	411.6	411.4	2
24.0:	392.5	.22	392.7	392.1	9
24.2:	373.4	.20	373.6	373.1	22
24.4:	354.3	.20	354.9	353.8	32
24.6:	335.2	.19	335.5	334.8	35
24.8:	316.2	.20	316.8	315.7	41
25.0:	297.2	.24	298.0	296.7	55
25.2:	278.3	.27	278.9	277.6	69
25.4:	259.4	.27	260.1	258.7	93
25.6:	240.6	.27	241.1	239.7	118
25.8:	221.7	.19	222.3	221.4	129
26.0:	202.9	.17	203.5	202.5	129
26.2:	184.1	.18	184.7	183.7	128
26.4:	165.3	.20	166.0	164.9	128
26.6:	146.7	.26	147.4	146.3	128
26.8:	128.4	.34	129.8	127.9	128
27.0:	110.4	.38	111.9	109.7	104
27.2:	92.9	.33	94.0	92.3	99
27.4:	75.4	.22	76.1	74.9	96
27.6:	57.8	.31	58.2	57.2	15

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.55	----- N/A -----			1
23.8:	15.48	.269	15.67	15.29	2
24.0:	14.98	.380	15.42	14.50	9
24.2:	14.22	.383	14.90	13.52	22
24.4:	13.14	.461	14.01	12.18	32
24.6:	12.14	.440	13.02	11.43	35
24.8:	11.13	.432	12.00	10.40	41
25.0:	10.07	.414	10.93	9.19	55
25.2:	9.03	.418	10.06	8.18	69
25.4:	7.97	.422	9.19	7.15	93
25.6:	7.01	.504	8.48	5.99	118
25.8:	6.38	.615	8.00	5.06	129
26.0:	6.18	.539	7.73	5.14	129
26.2:	6.11	.481	7.51	5.24	128
26.4:	6.06	.450	7.28	5.24	128
26.6:	5.89	.401	6.94	4.92	128
26.8:	5.01	.286	5.75	4.36	128
27.0:	4.17	.178	4.65	3.74	104
27.2:	3.65	.104	3.93	3.45	99
27.4:	2.99	.071	3.15	2.72	96
27.6:	2.16	.086	2.30	2.03	15

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	427.3	----- N/A -----			1
23.8:	408.6	3.18	410.9	406.4	2
24.0:	391.3	1.08	391.8	388.5	9
24.2:	371.6	.95	372.8	369.9	22
24.4:	350.4	3.33	353.8	344.1	32
24.6:	330.4	4.05	334.7	321.4	35
24.8:	311.7	3.94	315.6	301.8	41
25.0:	293.8	2.99	296.7	284.7	55
25.2:	275.3	2.26	277.6	269.6	69
25.4:	257.2	1.28	258.5	252.2	93
25.6:	238.7	.70	239.6	236.2	118
25.8:	219.9	.60	220.5	217.3	129
26.0:	200.8	.53	201.5	199.0	129
26.2:	181.9	.38	182.5	180.6	128
26.4:	163.1	.21	163.5	162.3	128
26.6:	144.3	.08	144.5	144.1	128
26.8:	125.3	.12	125.5	124.8	128
27.0:	106.2	.11	106.4	105.9	104
27.2:	87.2	.08	87.3	87.0	99
27.4:	68.1	.07	68.2	67.9	96
27.6:	48.8	.16	49.0	48.6	15

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.97	----- N/A -----			1
23.8:	1.00	.127	1.09	.91	2
24.0:	.87	.369	1.22	.21	9
24.2:	.91	.348	1.34	.34	22
24.4:	1.02	.368	1.86	.12	32
24.6:	1.11	.402	2.01	.20	35
24.8:	1.22	.391	2.14	.51	41
25.0:	1.26	.497	2.27	.00	55
25.2:	1.45	.503	2.46	.03	69
25.4:	1.77	.520	2.79	.25	93
25.6:	2.16	.568	3.42	.19	118
25.8:	2.65	.399	3.75	1.67	129
26.0:	2.98	.379	3.93	1.88	129
26.2:	3.21	.402	4.16	2.03	128
26.4:	3.48	.420	4.52	2.21	128
26.6:	3.94	.422	4.90	2.89	128
26.8:	5.16	.463	6.44	4.08	128
27.0:	7.04	.563	8.54	5.98	104
27.2:	9.40	.603	11.38	8.26	99
27.4:	12.26	.672	14.85	10.97	96
27.6:	16.09	.891	17.46	14.67	15

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.122	----- N/A -----			1
23.8:	12.054	.0721	12.105	12.003	2
24.0:	11.890	.3194	12.285	11.488	7
24.2:	11.760	.2692	12.319	11.395	17
24.4:	11.616	.2702	12.283	11.185	25
24.6:	11.495	.2624	12.103	11.040	27
24.8:	11.356	.2563	12.186	10.905	29
25.0:	11.261	.3882	12.622	10.460	40
25.2:	11.026	.3939	12.251	10.194	50
25.4:	10.567	.3476	11.980	9.876	68
25.6:	10.101	.4029	11.695	9.413	87
25.8:	9.619	.2629	10.405	9.087	95
26.0:	9.311	.2569	10.276	8.888	95
26.2:	9.071	.2689	10.159	8.558	95
26.4:	8.801	.2536	9.766	8.342	95
26.6:	8.347	.1686	8.766	7.953	95
26.8:	7.122	.1705	7.444	6.545	96
27.0:	5.221	.2223	5.623	4.621	95
27.2:	2.879	.2557	3.393	1.823	95
27.4:	.025	.3551	.640	-1.646	95
27.6:	-3.786	.6887	-2.940	-5.014	15

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:		----- N/A -----			0
23.8:		----- N/A -----			0
24.0:		----- N/A -----			0
24.2:	6.44	----- N/A -----			1
24.4:	6.91	----- N/A -----			1
24.6:	7.00	----- N/A -----			1
24.8:	6.78	----- N/A -----			1
25.0:	6.69	----- N/A -----			1
25.2:	6.70	.322	7.05	6.42	3
25.4:	6.69	.339	7.08	6.45	3
25.6:	6.58	.345	7.09	6.31	4
25.8:	6.32	.290	6.64	5.86	6
26.0:	5.78	.348	6.08	5.12	6
26.2:	5.26	.364	5.65	4.58	6
26.4:	4.74	.345	5.23	4.21	6
26.6:	4.13	.314	4.60	3.69	6
26.8:	2.91	.348	3.25	2.28	6
27.0:	1.40	.144	1.55	1.16	6
27.2:	.61	.100	.71	.44	6
27.4:	.43	.050	.50	.37	6
27.6:	.91	.121	1.09	.82	4

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.11	----- N/A -----			1
23.8:	.12	.028	.14	.10	2
24.0:	.11	.069	.16	.01	9
24.2:	.12	.075	.22	.02	22
24.4:	.16	.100	.49	.00	32
24.6:	.19	.115	.57	.01	35
24.8:	.22	.128	.65	.04	41
25.0:	.26	.174	.87	.00	55
25.2:	.35	.205	1.01	.00	69
25.4:	.55	.289	1.48	.01	93
25.6:	.87	.366	1.86	.01	118
25.8:	1.30	.313	2.27	.59	129
26.0:	1.65	.319	2.53	.69	129
26.2:	1.95	.365	3.01	.81	128
26.4:	2.32	.414	3.60	.98	128
26.6:	3.06	.495	4.58	1.78	128
26.8:	5.78	.978	9.13	3.96	128
27.0:	12.32	1.826	18.28	9.51	104
27.2:	25.16	2.870	37.05	19.86	99
27.4:	49.60	4.826	72.18	40.66	96
27.6:	98.84	11.794	120.43	83.53	15

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	13.057	----- N/A -----			1
23.8:	13.009	.0049	13.013	13.006	2
24.0:	12.792	.1773	12.963	12.594	7
24.2:	12.677	.2512	13.097	12.061	17
24.4:	12.599	.2671	13.046	11.990	25
24.6:	12.522	.2573	12.988	11.954	27
24.8:	12.477	.2747	13.186	11.904	29
25.0:	12.354	.2750	13.119	11.713	40
25.2:	12.274	.2719	13.039	11.671	50
25.4:	12.170	.2637	12.914	11.605	68
25.6:	12.008	.2509	12.753	11.486	87
25.8:	11.838	.2317	12.570	11.373	95
26.0:	11.634	.2256	12.375	11.192	95
26.2:	11.407	.2214	12.158	10.993	95
26.4:	11.156	.2183	11.918	10.750	95
26.6:	10.869	.2098	11.613	10.461	95
26.8:	10.489	.1838	11.143	10.109	96
27.0:	9.883	.1418	10.388	9.575	95
27.2:	8.951	.0895	9.263	8.745	95
27.4:	7.534	.0205	7.588	7.481	95
27.6:	5.369	.0714	5.506	5.215	15

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	1509	----- N/A -----			1
23.8:	1506	1.4	1507	1505	2
24.0:	1504	1.3	1506	1503	9
24.2:	1502	1.4	1505	1500	22
24.4:	1498	1.7	1502	1495	32
24.6:	1495	1.6	1498	1493	35
24.8:	1491	1.6	1495	1489	41
25.0:	1488	1.6	1492	1485	55
25.2:	1484	1.7	1489	1481	69
25.4:	1480	1.9	1486	1477	93
25.6:	1477	2.3	1483	1473	118
25.8:	1475	2.6	1482	1470	129
26.0:	1475	2.2	1481	1471	129
26.2:	1475	2.0	1481	1472	128
26.4:	1475	1.9	1480	1473	128
26.6:	1475	1.8	1480	1472	128
26.8:	1473	1.4	1478	1471	128
27.0:	1473	1.1	1477	1471	104
27.2:	1475	.8	1477	1474	99
27.4:	1478	.7	1481	1477	96
27.6:	1484	1.5	1487	1483	15

Table 10. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, by months, for Station 8.

JANUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.75	.419	9.00	8.27	3
25.4:	7.95	.454	8.65	7.34	9
25.6:	7.33	.538	8.33	6.47	13
25.8:	6.87	.674	8.00	5.47	13
26.0:	6.55	.690	7.73	5.15	13
26.2:	6.39	.627	7.51	5.25	13
26.4:	6.29	.565	7.26	5.37	13
26.6:	6.08	.456	6.83	5.37	13
26.8:	5.16	.329	5.78	4.80	13
27.0:	4.25	.208	4.69	3.97	13
27.2:	3.68	.111	3.89	3.50	13
27.4:	3.06	.061	3.14	2.95	11
27.6:	2.16	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	32.487	.0933	32.543	32.379	3
25.4:	32.583	.0861	32.735	32.463	9
25.6:	32.735	.0961	32.925	32.600	13
25.8:	32.911	.1203	33.136	32.669	13
26.0:	33.108	.1218	33.331	32.878	13
26.2:	33.331	.1048	33.531	33.153	13
26.4:	33.563	.0930	33.728	33.416	13
26.6:	33.781	.0738	33.902	33.668	13
26.8:	33.893	.0504	33.991	33.839	13
27.0:	34.017	.0286	34.078	33.980	13
27.2:	34.195	.0144	34.222	34.172	13
27.4:	34.371	.0072	34.381	34.358	11
27.6:	34.528	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	58	2.6	60	55	3
25.4:	78	11.6	103	65	9
25.6:	89	12.8	113	72	13
25.8:	98	12.4	122	77	13
26.0:	109	14.0	140	85	13
26.2:	120	16.0	156	93	13
26.4:	138	15.0	176	112	13
26.6:	173	16.3	208	148	13
26.8:	273	34.4	335	227	13
27.0:	437	41.4	516	393	13
27.2:	661	39.5	744	607	13
27.4:	991	28.4	1040	949	11
27.6:	1742	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	278.5	.06	278.6	278.5	3
25.4:	259.7	.18	260.1	259.5	9
25.6:	240.8	.19	241.1	240.5	13
25.8:	221.8	.20	222.3	221.6	13
26.0:	202.9	.21	203.5	202.7	13
26.2:	184.1	.22	184.7	183.9	13
26.4:	165.4	.23	166.0	165.2	13
26.6:	146.8	.34	147.4	146.4	13
26.8:	128.7	.59	129.6	127.9	13
27.0:	110.7	.59	111.9	110.1	13
27.2:	93.0	.46	94.0	92.6	13
27.4:	75.4	.23	75.9	75.1	11
27.6:	58.2	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.74	.419	8.99	8.26	3
25.4:	7.94	.453	8.64	7.33	9
25.6:	7.33	.537	8.33	6.46	13
25.8:	6.86	.676	8.00	5.46	13
26.0:	6.54	.691	7.73	5.14	13
26.2:	6.38	.626	7.50	5.24	13
26.4:	6.27	.564	7.25	5.36	13
26.6:	6.07	.455	6.81	5.36	13
26.8:	5.14	.323	5.75	4.78	13
27.0:	4.22	.205	4.65	3.94	13
27.2:	3.64	.110	3.84	3.45	13
27.4:	2.99	.060	3.06	2.88	11
27.6:	2.03	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	276.3	.91	277.3	275.6	3
25.4:	257.7	.72	258.5	256.2	9
25.6:	238.2	.67	239.4	237.1	13
25.8:	219.3	.90	220.4	217.3	13
26.0:	200.5	.82	201.4	199.0	13
26.2:	181.8	.31	182.3	181.1	13
26.4:	163.2	.18	163.4	162.8	13
26.6:	144.3	.08	144.5	144.2	13
26.8:	125.2	.21	125.4	124.8	13
27.0:	106.3	.10	106.4	106.1	13
27.2:	87.2	.10	87.3	87.0	13
27.4:	68.1	.07	68.2	68.0	11
27.6:	48.6	----- N/A -----			1

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1.68	.119	1.76	1.58	3
25.4:	2.14	.279	2.79	1.80	9
25.6:	2.40	.301	3.03	2.02	13
25.8:	2.60	.288	3.24	2.20	13
26.0:	2.84	.321	3.62	2.38	13
26.2:	3.05	.361	3.95	2.53	13
26.4:	3.37	.355	4.30	2.85	13
26.6:	3.91	.349	4.80	3.44	13
26.8:	5.28	.547	6.23	4.69	13
27.0:	7.26	.637	8.32	6.49	13
27.2:	9.54	.606	10.68	8.67	13
27.4:	12.34	.487	13.22	11.82	11
27.6:	17.44	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	.50	.059	.54	.43	3
25.4:	.88	.260	1.46	.60	9
25.6:	1.11	.303	1.74	.75	13
25.8:	1.32	.317	2.00	.85	13
26.0:	1.57	.387	2.51	.99	13
26.2:	1.83	.470	3.01	1.14	13
26.4:	2.25	.511	3.60	1.47	13
26.6:	3.11	.569	4.58	2.42	13
26.8:	6.32	1.450	8.76	4.66	13
27.0:	13.52	2.576	18.28	10.84	13
27.2:	26.36	3.414	33.46	21.97	13
27.4:	49.65	3.451	56.67	45.37	11
27.6:	120.43	----- N/A -----			1

JANUARY

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	10.926	.2602	11.110	10.742	2
25.4:	10.217	.2441	10.715	9.876	8
25.6:	9.882	.3169	10.547	9.423	11
25.8:	9.666	.3148	10.405	9.263	11
26.0:	9.429	.3361	10.276	9.103	11
26.2:	9.208	.3647	10.159	8.786	11
26.4:	8.891	.3087	9.652	8.522	11
26.6:	8.396	.1873	8.731	8.163	11
26.8:	7.066	.2153	7.444	6.707	11
27.0:	5.099	.2684	5.373	4.621	11
27.2:	2.790	.2529	3.045	2.154	11
27.4:	-.008	.2178	.314	-.388	11
27.6:	-5.014	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	12.522	.3465	12.767	12.277	2
25.4:	12.304	.3206	12.906	11.945	8
25.6:	12.116	.2742	12.699	11.813	11
25.8:	11.932	.2666	12.477	11.664	11
26.0:	11.728	.2622	12.226	11.473	11
26.2:	11.504	.2599	11.983	11.258	11
26.4:	11.258	.2618	11.795	11.017	11
26.6:	10.965	.2523	11.516	10.728	11
26.8:	10.574	.2174	11.062	10.363	11
27.0:	9.993	.1569	10.309	9.795	11
27.2:	8.981	.0920	9.203	8.861	11
27.4:	7.540	.0226	7.586	7.511	11
27.6:	5.239	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1483	1.7	1484	1481	3
25.4:	1480	2.1	1484	1478	9
25.6:	1478	2.4	1483	1475	13
25.8:	1477	2.9	1482	1471	13
26.0:	1476	2.8	1481	1471	13
26.2:	1476	2.6	1481	1472	13
26.4:	1476	2.2	1480	1473	13
26.6:	1476	2.0	1480	1474	13
26.8:	1474	1.9	1478	1472	13
27.0:	1473	1.7	1477	1472	13
27.2:	1475	1.0	1477	1474	13
27.4:	1478	.7	1480	1478	11
27.6:	1487	----- N/A -----			1

FEBRUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.87	.396	8.28	7.58	3
25.6:	7.09	.532	8.07	6.57	8
25.8:	6.51	.734	7.87	5.48	10
26.0:	6.47	.571	7.71	5.78	10
26.2:	6.42	.505	7.51	5.84	10
26.4:	6.38	.490	7.29	5.63	10
26.6:	6.10	.427	6.96	5.41	10
26.8:	5.09	.243	5.32	4.49	9
27.0:	4.34	.126	4.55	4.19	8
27.2:	3.72	.119	3.93	3.56	8
27.4:	3.07	.051	3.13	2.97	8
27.6:	2.25	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.566	.0659	32.642	32.525	3
25.6:	32.689	.1001	32.884	32.592	8
25.8:	32.847	.1300	33.098	32.675	10
26.0:	33.083	.0946	33.295	32.970	10
26.2:	33.338	.0878	33.533	33.236	10
26.4:	33.577	.0841	33.744	33.458	10
26.6:	33.784	.0689	33.925	33.674	10
26.8:	33.881	.0343	33.915	33.798	9
27.0:	34.030	.0187	34.062	34.007	8
27.2:	34.200	.0156	34.226	34.179	8
27.4:	34.372	.0059	34.379	34.361	8
27.6:	34.537	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	73	17.3	83	53	3
25.6:	90	15.0	105	60	8
25.8:	100	13.1	113	67	10
26.0:	110	14.1	122	74	10
26.2:	121	16.4	138	82	10
26.4:	137	19.6	159	92	10
26.6:	173	18.1	198	137	10
26.8:	268	24.6	307	226	9
27.0:	421	26.6	451	368	8
27.2:	655	35.3	700	600	8
27.4:	994	41.9	1082	938	8
27.6:	1618	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.6	.17	259.7	259.4	3
25.6:	240.7	.21	241.0	240.4	8
25.8:	221.7	.18	222.0	221.5	10
26.0:	202.9	.16	203.2	202.7	10
26.2:	184.1	.16	184.3	183.8	10
26.4:	165.4	.22	165.6	164.9	10
26.6:	146.8	.22	147.2	146.5	10
26.8:	128.6	.27	129.0	128.2	9
27.0:	110.6	.27	110.9	110.2	8
27.2:	93.0	.24	93.2	92.6	8
27.4:	75.5	.24	76.0	75.2	8
27.6:	58.0	----- N/A -----			1

FEBRUARY

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.82	.402	8.28	7.57	3
25.6:	7.08	.532	8.06	6.56	8
25.8:	6.50	.735	7.87	5.47	10
26.0:	6.41	.573	7.71	5.77	10
26.2:	6.41	.509	7.51	5.83	10
26.4:	6.36	.492	7.28	5.62	10
26.6:	6.09	.426	6.94	5.39	10
26.8:	5.06	.242	5.29	4.47	9
27.0:	4.31	.126	4.52	4.16	8
27.2:	3.68	.122	3.89	3.51	8
27.4:	3.00	.053	3.06	2.90	8
27.6:	2.13	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	257.3	.52	257.9	257.0	3
25.6:	238.4	.89	239.4	236.9	8
25.8:	219.5	.90	220.5	218.3	10
26.0:	200.6	.72	201.5	199.1	10
26.2:	181.6	.39	182.2	181.0	10
26.4:	163.2	.33	163.5	162.3	10
26.6:	144.3	.07	144.4	144.2	10
26.8:	125.3	.11	125.4	125.1	9
27.0:	106.1	.16	106.4	105.9	8
27.2:	87.2	.06	87.3	87.1	8
27.4:	68.1	.07	68.1	67.9	8
27.6:	48.7	----- N/A -----			1

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1.99	.517	2.29	1.39	3
25.6:	2.34	.389	2.68	1.57	8
25.8:	2.51	.349	2.87	1.74	10
26.0:	2.72	.383	3.06	1.88	10
26.2:	2.95	.436	3.34	2.03	10
26.4:	3.23	.475	3.67	2.21	10
26.6:	3.79	.423	4.23	2.89	10
26.8:	5.14	.361	5.49	4.33	9
27.0:	6.96	.401	7.37	6.05	8
27.2:	9.37	.483	9.97	8.42	8
27.4:	12.22	.513	13.00	11.24	8
27.6:	16.48	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.78	.344	.98	.38	3
25.6:	1.12	.329	1.44	.48	8
25.8:	1.30	.310	1.66	.59	10
26.0:	1.54	.363	1.87	.69	10
26.2:	1.81	.451	2.22	.81	10
26.4:	2.19	.553	2.78	.98	10
26.6:	3.08	.622	3.90	1.78	10
26.8:	4.11	.968	7.52	4.33	9
27.0:	12.55	1.467	14.03	9.56	8
27.2:	25.84	2.738	29.24	21.29	8
27.4:	49.92	4.326	58.75	43.44	8
27.6:	104.78	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.059	.1174	10.142	9.976	2
25.6:	9.740	.1311	9.940	9.559	6
25.8:	9.604	.2128	9.907	9.284	8
26.0:	9.383	.2001	9.722	9.128	8
26.2:	9.161	.2311	9.555	8.922	8
26.4:	8.876	.1953	9.129	8.589	8
26.6:	8.342	.1133	8.497	8.178	8
26.8:	7.079	.2151	7.419	6.795	8
27.0:	5.225	.2129	5.579	4.979	8
27.2:	2.818	.2702	3.212	2.464	8
27.4:	-.033	.3239	.393	-.719	8
27.6:	-4.150	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	12.233	.1230	12.320	12.146	2
25.6:	12.022	.2278	12.207	11.602	6
25.8:	11.899	.2220	12.177	11.438	8
26.0:	11.694	.2178	11.976	11.247	8
26.2:	11.470	.2135	11.760	11.041	8
26.4:	11.222	.2076	11.519	10.817	8
26.6:	10.931	.1944	11.210	10.559	8
26.8:	10.540	.1663	10.782	10.224	8
27.0:	9.921	.1326	10.095	9.669	8
27.2:	8.973	.0752	9.060	8.823	8
27.4:	7.544	.0173	7.580	7.522	8
27.6:	5.343	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:	6.46	----- N/A -----			1
25.8:	6.10	----- N/A -----			1
26.0:	5.76	----- N/A -----			1
26.2:	5.21	----- N/A -----			1
26.4:	4.57	----- N/A -----			1
26.6:	3.99	----- N/A -----			1
26.8:	3.10	----- N/A -----			1
27.0:	1.54	----- N/A -----			1
27.2:	.71	----- N/A -----			1
27.4:	.47	----- N/A -----			1
27.6:	.87	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1480	1.5	1482	1479	3
25.6:	1477	2.1	1481	1475	8
25.8:	1476	2.8	1481	1472	10
26.0:	1475	2.3	1481	1473	10
26.2:	1476	1.9	1480	1474	10
26.4:	1477	2.1	1480	1474	10
26.6:	1476	1.8	1480	1474	10
26.8:	1474	1.0	1475	1472	9
27.0:	1473	.6	1475	1473	8
27.2:	1475	.7	1476	1474	8
27.4:	1478	.7	1480	1478	8
27.6:	1486	----- N/A -----			1

MARCH

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	8.08	----- N/A -----			1
25.6:	7.11	.536	7.89	6.67	4
25.8:	6.67	.638	7.73	5.57	7
26.0:	6.56	.537	7.54	5.74	7
26.2:	6.47	.451	7.33	5.87	7
26.4:	6.40	.379	7.14	6.00	7
26.6:	6.23	.236	6.66	5.92	7
26.8:	5.25	.213	5.55	5.02	7
27.0:	4.32	.063	4.40	4.24	6
27.2:	3.74	.080	3.89	3.67	6
27.4:	3.07	.054	3.14	3.00	6
27.6:	2.24	.035	2.28	2.21	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.611	----- N/A -----			1
25.6:	32.691	.1054	32.844	32.606	4
25.8:	32.866	.1073	33.055	32.692	7
26.0:	33.105	.0919	33.275	32.965	7
26.2:	33.343	.0775	33.496	33.249	7
26.4:	33.580	.0620	33.701	33.512	7
26.6:	33.803	.0386	33.878	33.754	7
26.8:	33.904	.0325	33.951	33.870	7
27.0:	34.027	.0085	34.039	34.016	6
27.2:	34.203	.0105	34.222	34.194	6
27.4:	34.373	.0066	34.381	34.365	6
27.6:	34.536	.0042	34.540	34.532	3

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	79	----- N/A -----			1
25.6:	88	3.9	93	84	4
25.8:	100	11.7	122	88	7
26.0:	116	12.3	135	104	7
26.2:	127	13.3	145	113	7
26.4:	140	14.9	158	124	7
26.6:	168	14.1	195	154	7
26.8:	255	18.2	285	229	7
27.0:	418	20.4	440	391	6
27.2:	652	13.3	666	633	6
27.4:	991	27.0	1026	960	6
27.6:	1582	38.5	1607	1538	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.7	----- N/A -----			1
25.6:	240.7	.06	240.8	240.7	4
25.8:	221.8	.22	222.2	221.5	7
26.0:	203.0	.18	203.3	202.8	7
26.2:	184.2	.20	184.5	184.0	7
26.4:	165.5	.21	165.8	165.2	7
26.6:	146.8	.21	147.2	146.6	7
26.8:	128.5	.22	128.8	128.2	7
27.0:	110.6	.19	110.8	110.3	6
27.2:	93.0	.04	93.1	93.0	6
27.4:	75.4	.10	75.6	75.3	6
27.6:	57.8	.30	58.1	57.5	3

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	8.07	----- N/A -----			1
25.6:	7.10	.540	7.89	6.66	4
25.8:	6.66	.635	7.72	5.57	7
26.0:	6.55	.537	7.53	5.73	7
26.2:	6.45	.450	7.32	5.86	7
26.4:	6.39	.378	7.13	5.99	7
26.6:	6.21	.238	6.66	5.90	7
26.8:	5.23	.214	5.53	5.00	7
27.0:	4.29	.062	4.37	4.21	6
27.2:	3.69	.080	3.84	3.62	6
27.4:	3.00	.060	3.08	2.93	6
27.6:	2.14	.035	2.17	2.10	3

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	257.4	----- N/A -----			1
25.6:	238.6	.80	239.2	237.5	4
25.8:	220.0	.34	220.3	219.4	7
26.0:	200.8	.40	201.4	200.3	7
26.2:	181.7	.46	182.4	181.2	7
26.4:	163.2	.20	163.4	162.9	7
26.6:	144.3	.07	144.4	144.2	7
26.8:	125.3	.10	125.5	125.2	7
27.0:	106.2	.10	106.3	106.1	6
27.2:	87.1	.05	87.2	87.1	6
27.4:	68.1	.06	68.2	68.0	6
27.6:	48.8	.10	48.9	48.7	3

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	2.14	----- N/A -----			1
25.6:	2.28	.085	2.34	2.16	4
25.8:	2.48	.318	3.01	2.07	7
26.0:	2.81	.279	3.29	2.49	7
26.2:	3.03	.302	3.49	2.67	7
26.4:	3.26	.326	3.71	2.84	7
26.6:	3.69	.310	4.23	3.34	7
26.8:	4.88	.349	5.47	4.36	7
27.0:	6.86	.339	7.21	6.35	6
27.2:	9.24	.243	9.50	8.85	6
27.4:	12.11	.402	12.55	11.56	6
27.6:	15.88	.468	16.39	15.47	3

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.87	----- N/A -----			1
25.6:	1.03	.079	1.12	.93	4
25.8:	1.28	.315	1.86	.93	7
26.0:	1.66	.330	2.22	1.34	7
26.2:	1.93	.389	2.51	1.55	7
26.4:	2.24	.456	2.85	1.75	7
26.6:	2.93	.490	3.83	2.47	7
26.8:	5.52	.730	6.86	4.47	7
27.0:	12.28	1.121	13.41	10.80	6
27.2:	25.32	.940	26.33	24.05	6
27.4:	49.42	2.572	52.66	46.23	6
27.6:	100.09	4.300	103.64	95.31	3

MARCH

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.137	----- N/A -----			1
25.6:	9.953	.0342	9.993	9.914	4
25.8:	9.554	.2260	9.757	9.168	6
26.0:	9.298	.2381	9.560	8.896	6
26.2:	9.088	.2541	9.377	8.693	6
26.4:	8.855	.2750	9.184	8.469	6
26.6:	8.410	.2190	8.637	8.074	6
26.8:	7.191	.1998	7.428	6.939	6
27.0:	5.241	.1905	5.519	5.067	6
27.2:	2.857	.1042	3.024	2.754	6
27.4:	-.011	.2056	.227	-.272	6
27.6:	-3.886	.2654	-3.584	-4.083	3

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	12.202	----- N/A -----			1
25.6:	12.102	.0894	12.228	12.033	4
25.8:	11.847	.1295	12.036	11.653	6
26.0:	11.639	.1209	11.814	11.452	6
26.2:	11.412	.1130	11.563	11.234	6
26.4:	11.164	.1101	11.284	10.993	6
26.6:	10.881	.1080	10.994	10.724	6
26.8:	10.508	.0870	10.611	10.388	6
27.0:	9.907	.0540	9.978	9.841	6
27.2:	8.976	.0273	9.011	8.941	6
27.4:	7.544	.0084	7.556	7.531	6
27.6:	5.361	.0056	5.367	5.356	3

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:	6.50	.191	6.64	6.37	2
26.0:	5.90	.113	5.98	5.82	2
26.2:	5.33	.035	5.36	5.31	2
26.4:	4.76	.092	4.83	4.70	2
26.6:	4.08	.028	4.10	4.06	2
26.8:	3.06	.262	3.25	2.88	2
27.0:	1.49	.085	1.55	1.43	2
27.2:	.63	.007	.64	.63	2
27.4:	.41	.057	.45	.37	2
27.6:	.84	.035	.87	.82	2

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1481	----- N/A -----			1
25.6:	1477	2.2	1481	1476	4
25.8:	1476	2.7	1481	1472	7
26.0:	1476	2.4	1481	1473	7
26.2:	1476	1.7	1480	1475	7
26.4:	1477	1.4	1480	1476	7
26.6:	1477	1.0	1479	1476	7
26.8:	1474	1.0	1476	1474	7
27.0:	1473	.5	1474	1473	6
27.2:	1475	.4	1476	1475	6
27.4:	1478	.5	1479	1478	6
27.6:	1485	1.0	1486	1484	3

APRIL

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.41	----- N/A -----			1
25.6:	6.52	.260	6.99	6.26	6
25.8:	5.95	.318	6.64	5.55	11
26.0:	5.90	.275	6.31	5.47	11
26.2:	5.90	.314	6.57	5.50	11
26.4:	5.87	.399	6.88	5.48	11
26.6:	5.71	.398	6.56	5.18	11
26.8:	4.95	.285	5.46	4.48	11
27.0:	4.16	.227	4.50	3.88	8
27.2:	3.69	.114	3.87	3.57	7
27.4:	3.08	.052	3.16	3.02	7
27.6:		----- N/A -----			0

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.474	----- N/A -----			1
25.6:	32.583	.0455	32.667	32.541	6
25.8:	32.749	.0540	32.867	32.680	11
26.0:	32.998	.0487	33.070	32.923	11
26.2:	33.253	.0562	33.375	33.182	11
26.4:	33.496	.0638	33.658	33.435	11
26.6:	33.722	.0623	33.858	33.643	11
26.8:	33.860	.0422	33.941	33.799	11
27.0:	34.005	.0302	34.052	33.971	8
27.2:	34.196	.0138	34.218	34.182	7
27.4:	34.373	.0065	34.383	34.366	7
27.6:		----- N/A -----			0

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	71	----- N/A -----			1
25.6:	67	22.5	103	36	6
25.8:	97	12.5	111	75	11
26.0:	111	11.3	125	84	11
26.2:	121	12.3	134	91	11
26.4:	133	13.4	147	103	11
26.6:	163	10.6	181	148	11
26.8:	254	30.5	328	216	11
27.0:	407	38.7	472	367	8
27.2:	643	54.6	729	584	7
27.4:	980	59.5	1097	908	7
27.6:		----- N/A -----			0

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.6	----- N/A -----			1
25.6:	240.4	.30	240.9	240.0	6
25.8:	221.6	.16	221.9	221.4	11
26.0:	202.8	.15	203.0	202.5	11
26.2:	183.9	.14	184.2	183.7	11
26.4:	165.2	.11	165.4	165.0	11
26.6:	146.6	.24	147.1	146.3	11
26.8:	128.3	.47	129.5	127.9	11
27.0:	110.3	.46	111.2	109.8	8
27.2:	92.9	.55	93.7	92.3	7
27.4:	75.4	.40	76.1	75.0	7
27.6:		----- N/A -----			0

APRIL

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.40	----- N/A -----			1
25.6:	6.52	.257	6.98	6.26	6
25.8:	5.94	.318	6.63	5.54	11
26.0:	5.89	.278	6.30	5.46	11
26.2:	5.89	.314	6.56	5.49	11
26.4:	5.86	.400	6.87	5.47	11
26.6:	5.70	.398	6.55	5.17	11
26.8:	4.92	.281	5.43	4.47	11
27.0:	4.13	.224	4.47	3.85	8
27.2:	3.64	.112	3.82	3.53	7
27.4:	3.01	.055	3.09	2.95	7
27.6:		----- N/A -----			0

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	258.5	----- N/A -----			1
25.6:	239.2	.28	239.4	238.7	6
25.8:	220.0	.48	220.5	219.3	11
26.0:	200.7	.81	201.4	199.3	11
26.2:	181.7	.67	182.4	180.6	11
26.4:	163.2	.24	163.4	162.7	11
26.6:	144.4	.05	144.4	144.3	11
26.8:	125.3	.18	125.4	124.8	11
27.0:	106.2	.13	106.4	106.1	8
27.2:	87.2	.09	87.3	87.1	7
27.4:	68.1	.10	68.2	67.9	7
27.6:		----- N/A -----			0

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1.89	----- N/A -----			1
25.6:	1.69	.617	2.72	.87	6
25.8:	2.32	.362	2.91	1.67	11
26.0:	2.63	.266	3.08	1.92	11
26.2:	2.82	.309	3.34	2.07	11
26.4:	3.03	.330	3.59	2.28	11
26.6:	3.50	.226	4.04	3.23	11
26.8:	4.74	.433	5.55	4.17	11
27.0:	6.59	.538	7.48	6.07	8
27.2:	9.01	.747	10.37	8.26	7
27.4:	11.84	.819	13.51	10.97	7
27.6:		----- N/A -----			0

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.69	----- N/A -----			1
25.6:	.64	.438	1.44	.16	6
25.8:	1.17	.308	1.64	.64	11
26.0:	1.49	.288	1.85	.81	11
26.2:	1.73	.329	2.18	.95	11
26.4:	2.01	.381	2.55	1.16	11
26.6:	2.72	.306	3.28	2.26	11
26.8:	5.42	1.165	8.13	4.04	11
27.0:	11.68	2.162	15.23	9.51	8
27.2:	24.70	4.285	31.44	20.16	7
27.4:	48.19	6.433	60.70	40.77	7
27.6:		----- N/A -----			0

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.775	----- N/A -----			1
25.6:	10.144	.4850	10.870	9.869	4
25.8:	9.575	.3648	10.292	9.237	7
26.0:	9.319	.4024	10.126	9.015	7
26.2:	9.112	.4271	9.977	8.766	7
26.4:	8.896	.4493	9.766	8.365	7
26.6:	8.373	.2311	8.626	8.020	7
26.8:	7.063	.2380	7.241	6.545	7
27.0:	5.279	.3067	5.614	4.812	7
27.2:	2.903	.4091	3.316	2.292	7
27.4:	.073	.4605	.613	-.841	7
27.6:		----- N/A -----			0

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	12.641	----- N/A -----			1
25.6:	11.862	.3975	12.443	11.542	4
25.8:	11.743	.2912	12.238	11.386	7
26.0:	11.585	.2890	12.020	11.206	7
26.2:	11.328	.2908	11.781	10.995	7
26.4:	11.092	.2977	11.519	10.750	7
26.6:	10.824	.2991	11.244	10.461	7
26.8:	10.449	.2718	10.824	10.109	7
27.0:	9.844	.2126	10.167	9.575	7
27.2:	8.931	.1455	9.174	8.745	7
27.4:	7.533	.0382	7.586	7.481	7
27.6:		----- N/A -----			0

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1478	----- N/A -----			1
25.6:	1475	1.7	1478	1473	6
25.8:	1473	1.6	1477	1471	11
26.0:	1473	1.1	1476	1472	11
26.2:	1474	1.3	1477	1473	11
26.4:	1474	1.7	1479	1473	11
26.6:	1475	1.8	1479	1473	11
26.8:	1473	1.8	1477	1471	11
27.0:	1473	1.2	1475	1472	8
27.2:	1475	1.3	1477	1474	7
27.4:	1478	1.0	1480	1477	7
27.6:		----- N/A -----			0

MAY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.64	----- N/A -----			1
25.2:	8.82	.587	9.24	8.41	2
25.4:	7.75	.333	8.39	7.26	13
25.6:	6.76	.372	7.45	5.99	21
25.8:	6.13	.528	7.30	5.07	22
26.0:	6.03	.437	7.16	5.45	22
26.2:	5.96	.383	6.97	5.39	22
26.4:	5.89	.376	6.78	5.30	22
26.6:	5.75	.383	6.60	4.94	22
26.8:	4.93	.319	5.52	4.38	22
27.0:	4.15	.201	4.60	3.76	19
27.2:	3.69	.136	3.96	3.51	17
27.4:	3.07	.085	3.21	2.90	16
27.6:		----- N/A -----			0

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	32.399	----- N/A -----			1
25.2:	32.543	.1817	32.672	32.415	2
25.4:	32.543	.0632	32.659	32.449	13
25.6:	32.626	.0640	32.750	32.497	21
25.8:	32.779	.0890	32.989	32.611	22
26.0:	33.018	.0709	33.203	32.924	22
26.2:	33.260	.0618	33.432	33.174	22
26.4:	33.499	.0590	33.645	33.409	22
26.6:	33.728	.0600	33.866	33.608	22
26.8:	33.859	.0458	33.944	33.781	22
27.0:	34.004	.0263	34.066	33.955	19
27.2:	34.196	.0175	34.232	34.172	17
27.4:	34.372	.0098	34.389	34.354	16
27.6:		----- N/A -----			0

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	22	----- N/A -----			1
25.2:	21	27.6	41	2	2
25.4:	41	16.3	63	9	13
25.6:	64	26.9	103	8	21
25.8:	99	14.2	128	73	22
26.0:	114	12.4	136	93	22
26.2:	125	12.6	148	106	22
26.4:	140	12.3	159	121	22
26.6:	166	12.5	190	145	22
26.8:	250	15.6	282	217	22
27.0:	399	16.8	433	372	19
27.2:	625	23.4	670	585	17
27.4:	967	31.6	1050	933	16
27.6:		----- N/A -----			0

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	297.0	----- N/A -----			1
25.2:	277.9	.49	278.3	277.6	2
25.4:	259.2	.22	259.5	258.7	13
25.6:	240.4	.33	240.9	239.7	21
25.8:	221.7	.17	222.0	221.4	22
26.0:	202.9	.13	203.1	202.7	22
26.2:	184.0	.15	184.3	183.8	22
26.4:	165.3	.15	165.6	165.0	22
26.6:	146.6	.20	147.1	146.3	22
26.8:	128.3	.26	128.8	127.9	22
27.0:	110.2	.31	111.0	109.7	19
27.2:	92.7	.27	93.4	92.3	17
27.4:	75.3	.12	75.4	75.0	16
27.6:		----- N/A -----			0

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.63	----- N/A -----			1
25.2:	8.82	.587	9.24	8.41	2
25.4:	7.74	.333	8.39	7.26	13
25.6:	6.76	.371	7.44	5.99	21
25.8:	6.12	.528	7.29	5.06	22
26.0:	6.02	.439	7.16	5.44	22
26.2:	5.95	.382	6.96	5.38	22
26.4:	5.88	.375	6.77	5.29	22
26.6:	5.74	.384	6.59	4.92	22
26.8:	4.91	.319	5.49	4.36	22
27.0:	4.12	.199	4.57	3.74	19
27.2:	3.65	.137	3.92	3.46	17
27.4:	3.00	.087	3.15	2.82	16
27.6:		----- N/A -----			0

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	296.0	----- N/A -----			1
25.2:	273.2	4.88	276.7	269.8	2
25.4:	258.0	.44	258.5	257.2	13
25.6:	239.0	.41	239.6	238.3	21
25.8:	219.9	.58	220.5	218.6	22
26.0:	200.9	.46	201.5	200.0	22
26.2:	181.9	.30	182.4	181.4	22
26.4:	163.1	.18	163.4	162.9	22
26.6:	144.3	.11	144.5	144.2	22
26.8:	125.4	.06	125.4	125.2	22
27.0:	106.3	.10	106.4	106.1	19
27.2:	87.2	.06	87.3	87.1	17
27.4:	68.1	.06	68.2	68.0	16
27.6:		----- N/A -----			0

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	.68	----- N/A -----			1
25.2:	.64	.827	1.23	.06	2
25.4:	1.11	.453	1.83	.25	13
25.6:	1.66	.710	2.72	.19	21
25.8:	2.48	.358	3.12	1.72	22
26.0:	2.80	.277	3.29	2.25	22
26.2:	3.02	.277	3.45	2.50	22
26.4:	3.27	.274	3.68	2.78	22
26.6:	3.68	.290	4.19	3.09	22
26.8:	4.83	.315	5.40	4.08	22
27.0:	6.60	.306	7.15	5.98	19
27.2:	8.91	.380	9.46	8.31	17
27.4:	11.78	.438	12.66	11.13	16
27.6:		----- N/A -----			0

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	.08	----- N/A -----			1
25.2:	.13	.177	.25	.00	2
25.4:	.27	.173	.57	.01	13
25.6:	.63	.379	1.41	.01	21
25.8:	1.26	.345	2.00	.63	22
26.0:	1.61	.325	2.23	1.05	22
26.2:	1.88	.358	2.46	1.30	22
26.4:	2.22	.381	2.82	1.63	22
26.6:	2.87	.443	3.72	2.13	22
26.8:	5.32	.648	6.63	3.96	22
27.0:	11.23	.912	12.98	9.75	19
27.2:	23.33	1.718	26.34	20.58	17
27.4:	46.73	3.102	54.48	43.26	16
27.6:		----- N/A -----			0

MAY

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	11.575	---- N/A -----			1
25.2:	11.596	.8089	12.168	11.024	2
25.4:	10.800	.4612	11.980	10.428	9
25.6:	10.298	.6602	11.695	9.517	15
25.8:	9.529	.2497	10.166	9.110	16
26.0:	9.193	.2006	9.617	8.908	16
26.2:	8.971	.2125	9.390	8.558	16
26.4:	8.730	.2011	9.172	8.374	16
26.6:	8.328	.1611	8.617	8.043	16
26.8:	7.157	.1470	7.411	6.933	16
27.0:	5.348	.1573	5.623	5.038	16
27.2:	3.054	.1754	3.327	2.736	16
27.4:	.175	.2396	.434	-.464	16
27.6:		----- N/A -----			0

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	12.234	----- N/A -----			1
25.2:	12.204	.0375	12.231	12.178	2
25.4:	12.010	.1674	12.220	11.735	9
25.6:	11.852	.1890	12.159	11.486	15
25.8:	11.694	.1589	11.970	11.401	16
26.0:	11.493	.1454	11.719	11.220	16
26.2:	11.268	.1348	11.475	11.011	16
26.4:	11.022	.1283	11.215	10.783	16
26.6:	10.744	.1239	10.947	10.531	16
26.8:	10.381	.1143	10.580	10.210	16
27.0:	9.793	.0947	9.955	9.641	16
27.2:	8.901	.0661	9.010	8.768	16
27.4:	7.524	.0126	7.541	7.497	16
27.6:		----- N/A -----			0

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			0
25.2:	7.05	----- N/A -----			1
25.4:	7.08	----- N/A -----			1
25.6:	7.09	----- N/A -----			1
25.8:	6.46	----- N/A -----			1
26.0:	5.93	----- N/A -----			1
26.2:	5.44	----- N/A -----			1
26.4:	4.93	----- N/A -----			1
26.6:	4.36	----- N/A -----			1
26.8:	2.83	----- N/A -----			1
27.0:	1.35	----- N/A -----			1
27.2:	.57	----- N/A -----			1
27.4:	.40	----- N/A -----			1
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1486	----- N/A -----			1
25.2:	1483	2.1	1485	1482	2
25.4:	1479	1.3	1482	1478	13
25.6:	1475	1.5	1479	1473	21
25.8:	1474	2.2	1479	1470	22
26.0:	1474	1.8	1479	1472	22
26.2:	1474	1.7	1479	1472	22
26.4:	1474	1.5	1478	1473	22
26.6:	1475	1.6	1479	1472	22
26.8:	1473	1.5	1476	1471	22
27.0:	1472	1.1	1475	1471	19
27.2:	1474	.8	1477	1474	17
27.4:	1478	.4	1479	1477	16
27.6:		----- N/A -----			0

JUNE

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.18	----- N/A -----			1
24.6:	11.54	----- N/A -----			1
24.8:	10.88	.439	11.47	10.41	5
25.0:	9.96	.479	10.69	9.19	12
25.2:	8.91	.428	9.54	8.19	17
25.4:	7.80	.311	8.26	7.15	17
25.6:	6.88	.363	7.46	6.05	17
25.8:	6.24	.526	7.16	5.32	17
26.0:	6.07	.470	6.86	5.26	17
26.2:	6.01	.351	6.59	5.51	17
26.4:	5.97	.299	6.52	5.55	17
26.6:	5.77	.312	6.41	5.23	17
26.8:	4.97	.235	5.57	4.61	17
27.0:	4.16	.171	4.59	3.97	12
27.2:	3.66	.114	3.95	3.50	12
27.4:	3.03	.098	3.15	2.80	12
27.6:	2.33	.067	2.40	2.27	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	32.316	----- N/A -----			1
24.6:	32.309	----- N/A -----			1
24.8:	32.413	.0906	32.540	32.317	5
25.0:	32.475	.0938	32.620	32.345	12
25.2:	32.515	.0787	32.630	32.367	17
25.4:	32.562	.0556	32.637	32.485	17
25.6:	32.640	.0632	32.746	32.504	17
25.8:	32.793	.0841	32.940	32.654	17
26.0:	33.024	.0780	33.156	32.898	17
26.2:	33.265	.0545	33.353	33.185	17
26.4:	33.511	.0479	33.601	33.441	17
26.6:	33.731	.0487	33.831	33.648	17
26.8:	33.864	.0340	33.952	33.812	17
27.0:	34.004	.0231	34.063	33.980	12
27.2:	34.192	.0148	34.230	34.172	12
27.4:	34.368	.0114	34.382	34.341	12
27.6:	34.543	.0057	34.549	34.539	3

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	3	----- N/A -----			1
24.6:	9	----- N/A -----			1
24.8:	24	7.0	32	17	5
25.0:	23	12.9	39	0	12
25.2:	34	9.6	55	19	17
25.4:	52	14.9	81	28	17
25.6:	74	15.0	101	53	17
25.8:	97	12.0	125	75	17
26.0:	113	9.8	134	97	17
26.2:	125	9.1	142	110	17
26.4:	140	7.2	154	125	17
26.6:	168	13.5	199	148	17
26.8:	260	30.9	337	218	17
27.0:	421	41.4	511	377	12
27.2:	648	55.0	787	576	12
27.4:	991	77.9	1194	904	12
27.6:	1488	79.7	1580	1441	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	353.8	----- N/A -----			1
24.6:	334.9	----- N/A -----			1
24.8:	316.2	.11	316.3	316.1	5
25.0:	297.1	.20	297.3	296.7	12
25.2:	278.2	.15	278.5	277.9	17
25.4:	259.3	.23	259.8	259.0	17
25.6:	240.5	.20	240.9	240.2	17
25.8:	221.7	.20	222.0	221.4	17
26.0:	202.9	.15	203.0	202.6	17
26.2:	184.1	.17	184.3	183.8	17
26.4:	165.3	.15	165.5	165.0	17
26.6:	146.7	.21	147.0	146.4	17
26.8:	128.4	.32	129.1	127.9	17
27.0:	110.4	.42	111.2	109.9	12
27.2:	92.9	.37	93.7	92.3	12
27.4:	75.3	.26	75.9	75.1	12
27.6:	57.5	.35	57.9	57.2	3

JUNE

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.18	----- N/A -----			1
24.6:	11.54	----- N/A -----			1
24.8:	10.87	.036	11.46	10.41	5
25.0:	9.96	.480	10.69	9.19	12
25.2:	8.90	.427	9.54	8.18	17
25.4:	7.79	.315	8.25	7.15	17
25.6:	6.83	.362	7.45	6.05	17
25.8:	6.23	.527	7.15	5.31	17
26.0:	6.06	.470	6.85	5.25	17
26.2:	6.00	.353	6.58	5.50	17
26.4:	5.96	.298	6.51	5.54	17
26.6:	5.76	.312	6.39	5.22	17
26.8:	4.95	.236	5.55	4.58	17
27.0:	4.13	.170	4.56	3.94	12
27.2:	3.61	.115	3.91	3.46	12
27.4:	2.96	.104	3.09	2.72	12
27.6:	2.23	.070	2.30	2.16	3

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	344.6	----- N/A -----			1
24.6:	333.8	----- N/A -----			1
24.8:	314.9	.88	315.6	313.7	5
25.0:	295.5	1.43	296.7	293.2	12
25.2:	276.5	1.55	277.6	271.5	17
25.4:	257.3	1.06	258.5	254.4	17
25.6:	238.9	.36	239.5	238.2	17
25.8:	220.1	.30	220.5	219.5	17
26.0:	200.8	.43	201.5	200.1	17
26.2:	182.0	.33	182.5	181.4	17
26.4:	163.1	.25	163.5	162.7	17
26.6:	144.3	.09	144.5	144.1	17
26.8:	125.3	.13	125.4	124.9	17
27.0:	106.3	.10	106.4	106.1	12
27.2:	87.2	.06	87.3	87.1	12
27.4:	68.1	.07	68.2	68.0	12
27.6:	48.9	.17	49.0	48.7	3

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	.12	----- N/A -----			1
24.6:	.30	----- N/A -----			1
24.8:	.79	.256	1.10	.54	5
25.0:	.73	.420	1.31	.00	12
25.2:	1.04	.315	1.69	.54	17
25.4:	1.52	.453	2.38	.79	17
25.6:	2.08	.441	2.74	1.50	17
25.8:	2.62	.337	3.28	1.97	17
26.0:	2.95	.267	3.48	2.43	17
26.2:	3.18	.241	3.63	2.69	17
26.4:	3.46	.231	3.79	2.95	17
26.6:	3.90	.323	4.53	3.34	17
26.8:	5.15	.548	6.44	4.27	17
27.0:	7.08	.676	8.54	6.40	12
27.2:	9.40	.808	11.38	8.33	12
27.4:	12.29	1.016	14.85	11.09	12
27.6:	15.33	.774	16.18	14.67	3

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	.00	----- N/A -----			1
24.6:	.01	----- N/A -----			1
24.8:	.10	.061	.18	.05	5
25.0:	.11	.087	.26	.00	12
25.2:	.19	.109	.47	.05	17
25.4:	.43	.249	.95	.11	17
25.6:	.79	.318	1.36	.40	17
25.8:	1.26	.310	1.99	.72	17
26.0:	1.61	.289	2.26	1.13	17
26.2:	1.89	.282	2.47	1.40	17
26.4:	2.27	.264	2.72	1.71	17
26.6:	2.97	.457	3.90	2.26	17
26.8:	5.77	1.305	9.13	4.00	17
27.0:	12.54	2.536	18.24	10.12	12
27.2:	25.30	4.546	37.05	19.86	12
27.4:	49.65	8.502	72.18	40.66	12
27.6:	89.85	9.084	100.26	83.53	3

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.283	----- N/A -----			1
24.6:	12.103	----- N/A -----			1
24.8:	11.752	.4381	12.186	11.310	3
25.0:	11.642	.5068	12.622	11.099	9
25.2:	11.226	.3211	11.780	10.797	12
25.4:	10.696	.2553	11.106	10.117	12
25.6:	10.188	.2247	10.570	9.748	12
25.8:	9.664	.2715	10.351	9.234	12
26.0:	9.340	.3235	10.141	8.888	12
26.2:	9.106	.3395	9.947	8.703	12
26.4:	8.819	.2897	9.521	8.528	12
26.6:	8.373	.1438	8.668	8.231	12
26.8:	7.105	.2142	7.423	6.757	12
27.0:	5.191	.2796	5.551	4.658	12
27.2:	2.868	.4092	3.393	1.823	12
27.4:	-.023	.6149	.640	-1.646	12
27.6:	-3.267	.5346	-2.941	-3.884	3

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.405	----- N/A -----			1
24.6:	12.393	----- N/A -----			1
24.8:	12.606	.5026	13.186	12.293	3
25.0:	12.343	.4068	13.119	11.713	9
25.2:	12.193	.3818	13.039	11.671	12
25.4:	12.109	.3693	12.914	11.605	12
25.6:	11.990	.3499	12.753	11.516	12
25.8:	11.827	.3345	12.570	11.373	12
26.0:	11.625	.3300	12.375	11.192	12
26.2:	11.402	.3279	12.158	10.993	12
26.4:	11.154	.3267	11.918	10.767	12
26.6:	10.872	.3157	11.613	10.506	12
26.8:	10.491	.2776	11.143	10.164	12
27.0:	9.878	.2140	10.388	9.610	12
27.2:	8.944	.1345	9.263	8.753	12
27.4:	7.522	.0202	7.560	7.490	12
27.6:	5.388	.0496	5.445	5.355	3

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:		----- N/A -----			0
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	1495	----- N/A -----			1
24.6:	1493	----- N/A -----			1
24.8:	1490	1.6	1493	1489	5
25.0:	1487	1.8	1490	1485	12
25.2:	1483	1.6	1486	1481	17
25.4:	1479	1.3	1482	1477	17
25.6:	1476	1.6	1479	1473	17
25.8:	1474	2.3	1479	1471	17
26.0:	1474	2.2	1478	1471	17
26.2:	1474	1.6	1477	1473	17
26.4:	1475	1.3	1478	1474	17
26.6:	1475	1.4	1478	1473	17
26.8:	1473	1.0	1476	1472	17
27.0:	1473	1.1	1475	1472	12
27.2:	1475	1.0	1477	1474	12
27.4:	1478	1.0	1481	1477	12
27.6:	1483	1.2	1485	1483	3

JULY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.70	----- N/A -----			1
24.6:	12.20	.290	12.52	11.95	3
24.8:	11.25	.209	11.45	11.05	4
25.0:	10.07	.326	10.59	9.80	5
25.2:	8.92	.362	9.41	8.49	5
25.4:	7.77	.321	8.10	7.40	5
25.6:	6.61	.490	7.29	6.15	5
25.8:	5.89	.538	6.81	5.42	5
26.0:	5.72	.481	6.48	5.23	5
26.2:	5.65	.420	6.28	5.26	5
26.4:	5.62	.338	6.12	5.25	5
26.6:	5.52	.271	5.95	5.33	5
26.8:	4.75	.271	5.11	4.46	5
27.0:	4.12	.148	4.23	4.02	2
27.2:	3.70	.028	3.72	3.68	2
27.4:	3.10	.085	3.16	3.04	2
27.6:		----- N/A -----			0

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	32.320	----- N/A -----			1
24.6:	32.462	.0788	32.549	32.396	3
24.8:	32.508	.0547	32.577	32.463	4
25.0:	32.509	.0584	32.598	32.455	5
25.2:	32.530	.0559	32.616	32.476	5
25.4:	32.557	.0573	32.633	32.494	5
25.6:	32.601	.0840	32.716	32.520	5
25.8:	32.739	.0881	32.893	32.671	5
26.0:	32.966	.0728	33.080	32.887	5
26.2:	33.211	.0640	33.308	33.152	5
26.4:	33.457	.0509	33.535	33.403	5
26.6:	33.692	.0425	33.760	33.662	5
26.8:	33.832	.0381	33.884	33.792	5
27.0:	33.999	.0204	34.014	33.985	2
27.2:	34.196	.0048	34.200	34.193	2
27.4:	34.375	.0109	34.383	34.368	2
27.6:		----- N/A -----			0

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	18	----- N/A -----			1
24.6:	13	8.7	23	6	3
24.8:	22	7.1	32	15	4
25.0:	28	9.0	43	20	5
25.2:	37	13.2	59	27	5
25.4:	48	17.0	77	32	5
25.6:	70	17.4	94	48	5
25.8:	103	14.8	121	83	5
26.0:	119	13.7	134	100	5
26.2:	133	11.2	145	118	5
26.4:	149	10.1	159	136	5
26.6:	174	5.5	182	168	5
26.8:	259	1.7	262	258	5
27.0:	412	9.2	419	406	2
27.2:	649	6.4	654	645	2
27.4:	970	36.8	996	944	2
27.6:		----- N/A -----			0

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	354.2	----- N/A -----			1
24.6:	335.1	.21	335.3	334.9	3
24.8:	316.1	.16	316.3	315.9	4
25.0:	297.1	.17	297.4	297.0	5
25.2:	278.2	.23	278.6	278.0	5
25.4:	259.3	.31	259.8	259.0	5
25.6:	240.5	.29	240.9	240.1	5
25.8:	221.7	.22	222.0	221.4	5
26.0:	202.9	.18	203.1	202.6	5
26.2:	184.0	.18	184.3	183.8	5
26.4:	165.3	.19	165.6	165.1	5
26.6:	146.6	.16	146.9	146.5	5
26.8:	128.3	.19	128.5	128.0	5
27.0:	110.3	.28	110.5	110.1	2
27.2:	92.9	.00	92.9	92.9	2
27.4:	75.4	.00	75.4	75.4	2
27.6:		----- N/A -----			0

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.70	----- N/A -----			1
24.6:	12.20	.290	12.52	11.95	3
24.8:	11.25	.209	11.45	11.05	4
25.0:	10.07	.328	10.59	9.79	5
25.2:	8.92	.359	9.40	8.49	5
25.4:	7.76	.321	8.10	7.40	5
25.6:	6.61	.493	7.29	6.15	5
25.8:	5.88	.538	6.80	5.41	5
26.0:	5.71	.481	6.47	5.22	5
26.2:	5.64	.421	6.27	5.24	5
26.4:	5.61	.334	6.11	5.24	5
26.6:	5.51	.270	5.94	5.32	5
26.8:	4.73	.271	5.09	4.44	5
27.0:	4.09	.148	4.20	3.99	2
27.2:	3.65	.028	3.67	3.63	2
27.4:	3.03	.085	3.09	2.97	2
27.6:		----- N/A -----			0

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	353.8	----- N/A -----			1
24.6:	334.3	.61	334.7	333.6	3
24.8:	314.2	1.29	315.6	312.5	4
25.0:	294.7	1.26	296.4	293.3	5
25.2:	275.5	1.68	276.7	272.6	5
25.4:	257.2	1.21	258.3	255.7	5
25.6:	239.1	.44	239.5	238.4	5
25.8:	220.0	.33	220.4	219.6	5
26.0:	201.0	.42	201.5	200.5	5
26.2:	182.0	.19	182.3	181.8	5
26.4:	163.1	.16	163.3	162.9	5
26.6:	144.4	.09	144.4	144.2	5
26.8:	125.3	.01	125.3	125.3	5
27.0:	106.2	.07	106.3	106.2	2
27.2:	87.2	.14	87.3	87.1	2
27.4:	68.1	.07	68.2	68.1	2
27.6:		----- N/A -----			0

JULY

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	.67	----- N/A -----			1
24.6:	.47	.339	.85	.20	3
24.8:	.76	.272	1.14	.61	4
25.0:	.95	.322	1.48	.67	5
25.2:	1.17	.437	1.92	.87	5
25.4:	1.49	.546	2.43	1.01	5
25.6:	2.04	.543	2.86	1.41	5
25.8:	2.81	.414	3.20	2.24	5
26.0:	3.14	.397	3.56	2.69	5
26.2:	3.42	.360	3.83	2.95	5
26.4:	3.70	.353	4.14	3.26	5
26.6:	4.09	.293	4.53	3.79	5
26.8:	5.26	.200	5.56	5.06	5
27.0:	7.14	.495	7.49	6.79	2
27.2:	9.57	.354	9.82	9.32	2
27.4:	12.27	.092	12.34	12.21	2
27.6:		----- N/A -----			0

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	.06	----- N/A -----			1
24.6:	.04	.049	.10	.01	3
24.8:	.09	.060	.18	.04	4
25.0:	.15	.098	.31	.07	5
25.2:	.24	.175	.54	.12	5
25.4:	.39	.294	.90	.16	5
25.6:	.72	.362	1.27	.32	5
25.8:	1.40	.386	1.84	.88	5
26.0:	1.78	.415	2.22	1.21	5
26.2:	2.14	.391	2.52	1.61	5
26.4:	2.53	.401	2.91	2.01	5
26.6:	3.17	.311	3.58	2.64	5
26.8:	5.77	.144	5.93	5.63	5
27.0:	12.07	.742	12.60	11.55	2
27.2:	25.25	.042	25.28	25.22	2
27.4:	47.70	2.772	49.66	45.74	2
27.6:		----- N/A -----			0

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.027	----- N/A -----			1
24.6:	11.906	.0834	11.965	11.847	2
24.8:	11.485	.0912	11.550	11.421	2
25.0:	11.287	.0997	11.358	11.217	2
25.2:	11.035	.3748	11.300	10.770	2
25.4:	10.711	.6343	11.160	10.263	2
25.6:	10.299	.6548	10.762	9.836	2
25.8:	9.709	.3055	9.925	9.493	2
26.0:	9.381	.2729	9.574	9.188	2
26.2:	9.040	.2553	9.221	8.860	2
26.4:	8.730	.2524	8.909	8.552	2
26.6:	8.275	.1534	8.384	8.167	2
26.8:	7.120	.0141	7.130	7.110	2
27.0:	5.291	.1315	5.384	5.198	2
27.2:	2.861	.0198	2.875	2.847	2
27.4:	.152	.2772	.348	-.044	2
27.6:		----- N/A -----			0

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.667	----- N/A -----			1
24.6:	12.398	.3239	12.627	12.169	2
24.8:	12.360	.3076	12.578	12.143	2
25.0:	12.302	.2885	12.506	12.098	2
25.2:	12.230	.2574	12.412	12.048	2
25.4:	12.139	.2036	12.283	11.995	2
25.6:	12.019	.1421	12.120	11.919	2
25.8:	11.853	.1025	11.926	11.781	2
26.0:	11.655	.0665	11.702	11.608	2
26.2:	11.432	.0417	11.462	11.403	2
26.4:	11.174	.0099	11.181	11.167	2
26.6:	10.877	.0184	10.890	10.864	2
26.8:	10.482	.0198	10.496	10.468	2
27.0:	9.874	.0177	9.887	9.862	2
27.2:	8.948	.0403	8.977	8.920	2
27.4:	7.534	.0071	7.539	7.529	2
27.6:		----- N/A -----			0

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:		----- N/A -----			0
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	1497	----- N/A -----			1
24.6:	1495	1.0	1496	1494	3
24.8:	1492	1.0	1493	1491	4
25.0:	1488	1.2	1490	1487	5
25.2:	1483	1.5	1486	1482	5
25.4:	1479	1.5	1481	1478	5
25.6:	1475	2.4	1479	1473	5
25.8:	1473	2.2	1477	1471	5
26.0:	1473	1.9	1476	1471	5
26.2:	1473	1.7	1476	1472	5
26.4:	1474	1.2	1476	1473	5
26.6:	1474	1.3	1476	1473	5
26.8:	1472	1.3	1474	1471	5
27.0:	1472	.7	1473	1472	2
27.2:	1475	.0	1475	1475	2
27.4:	1478	.0	1478	1478	2
27.6:		----- N/A -----			0

AUGUST

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	15.10	.495	15.42	14.53	3
24.2:	14.25	.407	14.91	13.61	10
24.4:	13.40	.412	14.02	12.72	14
24.6:	12.38	.429	13.02	11.47	15
24.8:	11.35	.433	12.00	10.40	15
25.0:	10.26	.400	10.94	9.47	15
25.2:	9.12	.361	9.83	8.55	15
25.4:	8.07	.398	8.89	7.32	15
25.6:	7.03	.391	7.66	6.34	15
25.8:	6.23	.584	7.21	5.59	15
26.0:	6.05	.576	6.96	5.44	15
26.2:	6.02	.498	6.79	5.40	15
26.4:	5.99	.428	6.80	5.46	15
26.6:	5.84	.343	6.56	5.40	15
26.8:	4.96	.257	5.44	4.57	15
27.0:	4.17	.196	4.64	3.89	14
27.2:	3.70	.126	3.98	3.59	12
27.4:	3.08	.059	3.17	2.93	12
27.6:	2.31	.084	2.39	2.23	4

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	32.494	.1320	32.530	32.292	3
24.2:	32.481	.1047	32.656	32.318	10
24.4:	32.516	.0986	32.669	32.326	14
24.6:	32.527	.0917	32.676	32.357	15
24.8:	32.544	.0873	32.681	32.382	15
25.0:	32.563	.0838	32.686	32.405	15
25.2:	32.587	.0794	32.715	32.433	15
25.4:	32.621	.0744	32.766	32.479	15
25.6:	32.677	.0679	32.785	32.551	15
25.8:	32.791	.0951	32.954	32.688	15
26.0:	33.023	.0921	33.170	32.926	15
26.2:	33.267	.0802	33.394	33.169	15
26.4:	33.514	.0683	33.647	33.428	15
26.6:	33.741	.0542	33.859	33.677	15
26.8:	33.862	.0370	33.933	33.808	15
27.0:	34.007	.0268	34.072	33.969	14
27.2:	34.198	.0161	34.233	34.184	12
27.4:	34.373	.0067	34.383	34.358	12
27.6:	34.542	.0079	34.550	34.535	4

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	10	4.7	14	5	3
24.2:	15	5.9	24	9	10
24.4:	21	5.3	30	13	14
24.6:	26	5.6	36	16	15
24.8:	30	7.0	46	18	15
25.0:	35	8.0	53	23	15
25.2:	41	9.3	65	30	15
25.4:	51	11.8	78	42	15
25.6:	69	14.6	95	47	15
25.8:	99	11.6	124	77	15
26.0:	117	8.6	136	109	15
26.2:	132	8.8	148	119	15
26.4:	148	10.6	172	132	15
26.6:	174	12.9	197	150	15
26.8:	256	16.0	276	216	15
27.0:	410	22.8	447	374	14
27.2:	641	29.3	702	602	12
27.4:	977	49.2	1092	912	12
27.6:	1529	95.3	1612	1437	4

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	392.2	.11	392.3	392.1	3
24.2:	373.2	.16	373.4	373.1	10
24.4:	354.3	.16	354.5	353.9	14
24.6:	335.3	.16	335.5	334.8	15
24.8:	316.2	.16	316.6	315.9	15
25.0:	297.2	.16	297.6	296.9	15
25.2:	278.2	.18	278.7	278.0	15
25.4:	259.3	.23	259.8	259.0	15
25.6:	240.5	.22	240.8	240.1	15
25.8:	221.7	.21	222.0	221.4	15
26.0:	202.9	.17	203.2	202.7	15
26.2:	184.2	.19	184.4	183.9	15
26.4:	165.4	.21	165.7	165.1	15
26.6:	146.8	.25	147.1	146.4	15
26.8:	128.3	.23	128.7	127.9	15
27.0:	110.3	.32	111.1	110.0	14
27.2:	92.9	.34	93.5	92.5	12
27.4:	75.4	.23	75.7	74.9	12
27.6:	57.7	.23	57.9	57.5	4

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	15.10	.492	15.42	14.53	3
24.2:	14.24	.399	14.90	13.61	10
24.4:	13.39	.414	14.01	12.72	14
24.6:	12.38	.428	13.02	11.47	15
24.8:	11.35	.433	12.00	10.40	15
25.0:	10.26	.400	10.93	9.46	15
25.2:	9.12	.362	9.83	8.54	15
25.4:	8.06	.398	8.88	7.32	15
25.6:	7.02	.390	7.65	6.33	15
25.8:	6.22	.584	7.20	5.58	15
26.0:	6.04	.576	6.95	5.43	15
26.2:	6.00	.498	6.78	5.39	15
26.4:	5.98	.426	6.79	5.45	15
26.6:	5.82	.342	6.55	5.39	15
26.8:	4.94	.256	5.42	4.55	15
27.0:	4.15	.196	4.61	3.86	14
27.2:	3.66	.123	3.93	3.55	12
27.4:	3.01	.062	3.10	2.85	12
27.6:	2.21	.090	2.29	2.12	4

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	391.5	.42	391.8	391.0	3
24.2:	371.5	.98	372.8	370.4	10
24.4:	352.4	1.94	353.7	346.4	14
24.6:	332.7	2.23	334.7	327.4	15
24.8:	313.3	2.79	315.6	307.5	15
25.0:	293.8	2.66	296.6	287.0	15
25.2:	274.3	2.42	277.4	269.6	15
25.4:	256.5	1.88	258.3	252.2	15
25.6:	238.6	.67	239.4	237.1	15
25.8:	220.3	.18	220.5	219.9	15
26.0:	200.8	.32	201.2	200.1	15
26.2:	182.0	.30	182.4	181.5	15
26.4:	163.2	.21	163.4	162.8	15
26.6:	144.3	.09	144.4	144.1	15
26.8:	125.3	.10	125.4	125.1	15
27.0:	106.2	.08	106.4	106.1	14
27.2:	87.2	.09	87.3	87.1	12
27.4:	68.1	.07	68.2	67.9	12
27.6:	48.8	.15	49.0	48.7	4

AUGUST

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	.42	.186	.57	.21	3
24.2:	.60	.236	.95	.34	10
24.4:	.79	.210	1.17	.50	14
24.6:	.96	.222	1.36	.59	15
24.8:	1.12	.261	1.65	.68	15
25.0:	1.26	.299	1.89	.82	15
25.2:	1.45	.333	2.22	1.06	15
25.4:	1.72	.398	2.58	1.40	15
25.6:	2.14	.457	2.92	1.52	15
25.8:	2.84	.355	3.60	2.23	15
26.0:	3.25	.271	3.85	2.92	15
26.2:	3.52	.273	4.08	3.12	15
26.4:	3.82	.315	4.52	3.36	15
26.6:	4.22	.356	4.90	3.71	15
26.8:	5.33	.360	5.98	4.59	15
27.0:	7.17	.484	7.99	6.48	14
27.2:	9.57	.502	10.60	8.81	12
27.4:	12.39	.652	13.90	11.48	12
27.6:	16.00	.749	16.64	15.03	4

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	.03	.015	.04	.01	3
24.2:	.05	.041	.12	.02	10
24.4:	.09	.047	.18	.03	14
24.6:	.13	.059	.24	.05	15
24.8:	.18	.083	.37	.06	15
25.0:	.23	.109	.49	.09	15
25.2:	.31	.146	.69	.16	15
25.4:	.44	.221	.96	.28	15
25.6:	.72	.303	1.28	.34	15
25.8:	1.31	.311	2.04	.78	15
26.0:	1.75	.273	2.37	1.43	15
26.2:	2.11	.295	2.71	1.69	15
26.4:	2.54	.372	3.42	2.00	15
26.6:	3.21	.476	4.16	2.44	15
26.8:	5.67	.698	6.77	4.10	15
27.0:	11.96	1.347	14.25	9.76	14
27.2:	24.75	2.345	29.57	21.37	12
27.4:	48.19	4.862	59.83	41.84	12
27.6:	94.10	10.218	103.39	84.73	4

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	12.218	.0940	12.285	12.152	2
24.2:	11.988	.2148	12.319	11.721	7
24.4:	11.699	.2001	12.018	11.374	10
24.6:	11.532	.1765	11.787	11.187	11
24.8:	11.366	.1770	11.578	11.016	11
25.0:	11.229	.1813	11.499	10.927	11
25.2:	11.032	.2123	11.426	10.677	11
25.4:	10.734	.2341	11.026	10.326	11
25.6:	10.284	.2417	10.690	9.940	11
25.8:	9.626	.2048	9.870	9.256	11
26.0:	9.251	.1974	9.544	8.981	11
26.2:	8.962	.1830	9.264	8.737	11
26.4:	8.658	.1993	8.907	8.342	11
26.6:	8.243	.1411	8.469	7.953	11
26.8:	7.150	.1377	7.422	6.875	11
27.0:	5.238	.1553	5.539	5.050	11
27.2:	2.898	.1974	3.209	2.507	11
27.4:	.080	.3889	.583	-.794	11
27.6:	-3.493	.6246	-2.940	-4.051	4

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	12.733	.1542	12.842	12.624	2
24.2:	12.635	.3253	13.097	12.061	7
24.4:	12.489	.3262	13.046	11.990	10
24.6:	12.435	.3020	12.988	11.954	11
24.8:	12.379	.2930	12.911	11.904	11
25.0:	12.314	.2811	12.816	11.849	11
25.2:	12.239	.2680	12.703	11.781	11
25.4:	12.149	.2525	12.569	11.698	11
25.6:	12.033	.2333	12.408	11.595	11
25.8:	11.870	.2135	12.222	11.453	11
26.0:	11.661	.2052	12.008	11.254	11
26.2:	11.423	.2003	11.764	11.025	11
26.4:	11.156	.1940	11.485	10.786	11
26.6:	10.856	.1824	11.167	10.520	11
26.8:	10.470	.1582	10.749	10.197	11
27.0:	9.872	.1288	10.104	9.681	11
27.2:	8.944	.0907	9.108	8.806	11
27.4:	7.532	.0256	7.557	7.486	11
27.6:	5.429	.0522	5.506	5.392	4

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:		----- N/A -----			0
24.2:	6.44	----- N/A -----			1
24.4:	6.91	----- N/A -----			1
24.6:	7.00	----- N/A -----			1
24.8:	6.78	----- N/A -----			1
25.0:	6.69	----- N/A -----			1
25.2:	6.62	----- N/A -----			1
25.4:	6.55	----- N/A -----			1
25.6:	6.31	----- N/A -----			1
25.8:	5.86	----- N/A -----			1
26.0:	5.12	----- N/A -----			1
26.2:	4.58	----- N/A -----			1
26.4:	4.21	----- N/A -----			1
26.6:	3.69	----- N/A -----			1
26.8:	2.28	----- N/A -----			1
27.0:	1.16	----- N/A -----			1
27.2:	.44	----- N/A -----			1
27.4:	.40	----- N/A -----			1
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.0:	1505	1.7	1506	1503	3
24.2:	1502	1.3	1504	1500	10
24.4:	1499	1.7	1502	1497	14
24.6:	1496	1.6	1498	1493	15
24.8:	1492	1.7	1495	1489	15
25.0:	1488	1.4	1491	1486	15
25.2:	1484	1.2	1487	1483	15
25.4:	1480	1.6	1484	1478	15
25.6:	1477	1.9	1480	1474	15
25.8:	1474	2.5	1479	1472	15
26.0:	1474	2.3	1478	1472	15
26.2:	1474	2.2	1478	1472	15
26.4:	1475	2.0	1479	1473	15
26.6:	1475	1.5	1479	1474	15
26.8:	1473	1.2	1476	1472	15
27.0:	1472	1.2	1476	1472	14
27.2:	1475	1.0	1477	1474	12
27.4:	1478	.8	1480	1477	12
27.6:	1484	1.3	1486	1483	4

SEPTEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.55	----- N/A -----			1
23.8:	15.48	.269	15.67	15.29	2
24.0:	14.92	.352	15.36	14.50	6
24.2:	14.21	.388	14.91	13.52	12
24.4:	13.06	.345	13.63	12.46	14
24.6:	12.00	.355	12.59	11.48	14
24.8:	11.01	.388	11.72	10.47	14
25.0:	10.11	.431	10.94	9.44	14
25.2:	9.18	.461	10.06	8.50	14
25.4:	8.15	.447	8.95	7.25	14
25.6:	7.17	.470	8.08	6.32	14
25.8:	6.59	.452	7.44	5.85	14
26.0:	6.29	.471	6.92	5.33	14
26.2:	6.16	.425	6.86	5.45	14
26.4:	6.09	.400	6.87	5.47	14
26.6:	5.96	.354	6.54	5.40	14
26.8:	5.08	.261	5.43	4.70	14
27.0:	4.22	.160	4.55	4.04	11
27.2:	3.70	.100	3.93	3.57	11
27.4:	3.07	.068	3.15	2.91	11
27.6:	2.22	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	32.373	----- N/A -----			1
23.8:	32.315	.1202	32.400	32.230	2
24.0:	32.397	.0978	32.510	32.274	6
24.2:	32.469	.1006	32.660	32.369	12
24.4:	32.484	.0962	32.674	32.330	14
24.6:	32.508	.0980	32.687	32.330	14
24.8:	32.532	.0978	32.699	32.354	14
25.0:	32.556	.0962	32.715	32.392	14
25.2:	32.584	.0919	32.745	32.420	14
25.4:	32.625	.0874	32.788	32.468	14
25.6:	32.697	.0824	32.865	32.554	14
25.8:	32.853	.0777	33.006	32.727	14
26.0:	33.058	.0748	33.161	32.908	14
26.2:	33.289	.0679	33.408	33.180	14
26.4:	33.531	.0623	33.655	33.435	14
26.6:	33.760	.0559	33.854	33.675	14
26.8:	33.880	.0375	33.931	33.826	14
27.0:	34.012	.0212	34.056	33.968	11
27.2:	34.197	.0129	34.227	34.181	11
27.4:	34.373	.0071	34.382	34.356	11
27.6:	34.534	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	22	----- N/A -----			1
23.8:	23	1.4	24	22	2
24.0:	26	2.9	29	21	6
24.2:	29	3.6	34	20	12
24.4:	32	3.6	37	23	14
24.6:	36	4.4	40	24	14
24.8:	39	4.4	43	26	14
25.0:	43	4.5	49	29	14
25.2:	50	5.2	61	41	14
25.4:	62	9.6	77	49	14
25.6:	86	13.9	117	70	14
25.8:	105	9.6	130	91	14
26.0:	121	8.9	139	107	14
26.2:	134	8.3	147	119	14
26.4:	150	9.2	163	135	14
26.6:	180	12.8	199	158	14
26.8:	263	15.6	287	236	14
27.0:	424	22.6	473	388	11
27.2:	657	20.2	706	632	11
27.4:	995	40.2	1112	960	11
27.6:	1659	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	430.6	----- N/A -----			1
23.8:	411.5	.14	411.6	411.4	2
24.0:	392.6	.10	392.7	392.5	6
24.2:	373.5	.07	373.6	373.4	12
24.4:	354.3	.12	354.5	354.1	14
24.6:	335.2	.17	335.4	334.8	14
24.8:	316.1	.20	316.3	315.7	14
25.0:	297.2	.25	297.5	296.7	14
25.2:	278.4	.23	278.6	277.9	14
25.4:	259.5	.18	259.8	259.2	14
25.6:	240.7	.18	241.1	240.5	14
25.8:	221.9	.14	222.1	221.6	14
26.0:	203.0	.16	203.2	202.7	14
26.2:	184.2	.17	184.4	183.9	14
26.4:	165.5	.20	165.8	165.1	14
26.6:	146.9	.23	147.3	146.5	14
26.8:	128.5	.22	128.8	128.0	14
27.0:	110.5	.26	111.0	110.0	11
27.2:	93.0	.21	93.4	92.6	11
27.4:	75.5	.17	75.8	75.2	11
27.6:	58.1	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.55	----- N/A -----			1
23.8:	15.48	.269	15.67	15.29	2
24.0:	14.92	.349	15.35	14.50	6
24.2:	14.21	.386	14.90	13.52	12
24.4:	13.06	.344	13.62	12.45	14
24.6:	11.99	.356	12.59	11.47	14
24.8:	11.00	.391	11.72	10.46	14
25.0:	10.10	.431	10.93	9.44	14
25.2:	9.17	.461	10.06	8.50	14
25.4:	8.15	.447	8.94	7.24	14
25.6:	7.17	.471	8.07	6.31	14
25.8:	6.58	.452	7.43	5.84	14
26.0:	6.28	.470	6.91	5.32	14
26.2:	6.14	.426	6.85	5.43	14
26.4:	6.08	.398	6.85	5.46	14
26.6:	5.94	.352	6.52	5.39	14
26.8:	5.06	.260	5.41	4.68	14
27.0:	4.18	.158	4.51	4.01	11
27.2:	3.65	.102	3.89	3.53	11
27.4:	3.00	.071	3.09	2.83	11
27.6:	2.10	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	427.3	----- N/A -----			1
23.8:	408.6	3.18	410.9	406.4	2
24.0:	391.2	1.33	391.6	388.5	6
24.2:	371.6	.96	372.8	369.9	12
24.4:	348.4	3.12	353.7	344.1	14
24.6:	327.1	3.88	334.7	321.4	14
24.8:	308.3	3.77	315.4	301.8	14
25.0:	291.8	3.78	296.6	284.7	14
25.2:	275.4	2.55	277.5	269.7	14
25.4:	257.5	.86	258.4	255.6	14
25.6:	239.0	.35	239.5	238.4	14
25.8:	219.8	.49	220.5	219.0	14
26.0:	200.9	.40	201.4	200.2	14
26.2:	182.0	.27	182.4	181.6	14
26.4:	163.1	.23	163.4	162.6	14
26.6:	144.3	.05	144.4	144.3	14
26.8:	125.3	.08	125.4	125.2	14
27.0:	106.2	.11	106.4	106.1	11
27.2:	87.2	.07	87.3	87.1	11
27.4:	68.1	.08	68.2	67.9	11
27.6:	48.6	----- N/A -----			1

SEPTEMBER

DELTA U

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.97	----- N/A -----			1
23.8:	1.00	.127	1.09	.91	2
24.0:	1.10	.134	1.22	.85	6
24.2:	1.17	.154	1.34	.75	12
24.4:	1.27	.162	1.48	.88	14
24.6:	1.39	.180	1.62	.93	14
24.8:	1.51	.192	1.76	.96	14
25.0:	1.63	.191	1.90	1.06	14
25.2:	1.81	.215	2.28	1.40	14
25.4:	2.15	.314	2.73	1.75	14
25.6:	2.75	.387	3.42	2.26	14
25.8:	3.19	.264	3.75	2.88	14
26.0:	3.53	.220	3.93	3.21	14
26.2:	3.79	.208	4.16	3.46	14
26.4:	4.07	.226	4.48	3.69	14
26.6:	4.53	.276	4.89	3.98	14
26.8:	5.67	.322	6.21	5.03	14
27.0:	7.58	.367	8.12	6.82	11
27.2:	9.96	.329	10.49	9.38	11
27.4:	12.82	.454	13.95	12.31	11
27.6:	17.15	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.11	----- N/A -----			1
23.8:	.12	.028	.14	.10	2
24.0:	.15	.033	.18	.09	6
24.2:	.18	.041	.22	.07	12
24.4:	.21	.046	.27	.10	14
24.6:	.26	.057	.32	.11	14
24.8:	.30	.064	.37	.12	14
25.0:	.35	.067	.43	.15	14
25.2:	.44	.094	.64	.27	14
25.4:	.65	.184	.96	.42	14
25.6:	1.12	.340	1.86	.73	14
25.8:	1.54	.281	2.27	1.20	14
26.0:	1.93	.267	2.53	1.54	14
26.2:	2.27	.268	2.77	1.81	14
26.4:	2.68	.308	3.12	2.19	14
26.6:	3.48	.431	4.05	2.74	14
26.8:	6.07	.676	7.04	4.87	14
27.0:	12.77	1.304	15.46	10.56	11
27.2:	25.94	1.649	29.78	23.90	11
27.4:	50.12	4.062	61.84	46.44	11
27.6:	109.22	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.122	----- N/A -----			1
23.8:	12.054	.0721	12.105	12.003	2
24.0:	11.759	.2745	12.129	11.488	5
24.2:	11.601	.1726	11.952	11.395	10
24.4:	11.495	.1853	11.883	11.257	11
24.6:	11.382	.1964	11.828	11.127	11
24.8:	11.264	.1797	11.633	11.005	11
25.0:	11.143	.1560	11.406	10.992	11
25.2:	10.950	.1364	11.188	10.788	11
25.4:	10.581	.2272	11.000	10.332	11
25.6:	9.945	.3264	10.471	9.413	11
25.8:	9.560	.2625	10.061	9.087	11
26.0:	9.260	.2032	9.536	8.907	11
26.2:	9.012	.1820	9.284	8.736	11
26.4:	8.750	.1739	9.081	8.517	11
26.6:	8.291	.1671	8.593	8.080	11
26.8:	7.158	.1670	7.350	6.879	11
27.0:	5.198	.1798	5.524	4.860	11
27.2:	2.815	.1956	3.005	2.484	11
27.4:	-.043	.3187	.234	-.969	11
27.6:	-4.380	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	13.057	----- N/A -----			1
23.8:	13.009	.0049	13.013	13.006	2
24.0:	12.816	.1969	12.963	12.594	5
24.2:	12.707	.1981	12.916	12.329	10
24.4:	12.661	.1906	12.864	12.287	11
24.6:	12.595	.1872	12.810	12.242	11
24.8:	12.523	.1833	12.750	12.194	11
25.0:	12.444	.1780	12.676	12.143	11
25.2:	12.357	.1725	12.588	12.078	11
25.4:	12.250	.1617	12.482	11.989	11
25.6:	12.107	.1565	12.350	11.854	11
25.8:	11.922	.1504	12.185	11.674	11
26.0:	11.708	.1462	11.980	11.463	11
26.2:	11.469	.1423	11.740	11.230	11
26.4:	11.205	.1394	11.478	10.975	11
26.6:	10.907	.1347	11.185	10.702	11
26.8:	10.517	.1229	10.792	10.347	11
27.0:	9.921	.0868	10.140	9.828	11
27.2:	8.981	.0554	9.118	8.918	11
27.4:	7.544	.0110	7.559	7.524	11
27.6:	5.369	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:		----- N/A -----			0
23.8:		----- N/A -----			0
24.0:		----- N/A -----			0
24.2:		----- N/A -----			0
24.4:		----- N/A -----			0
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	1509	----- N/A -----			1
23.8:	1506	1.4	1507	1505	2
24.0:	1504	1.2	1506	1503	6
24.2:	1502	1.5	1505	1500	12
24.4:	1498	1.3	1501	1496	14
24.6:	1494	1.4	1497	1493	14
24.8:	1491	1.4	1494	1489	14
25.0:	1488	1.8	1492	1486	14
25.2:	1485	2.0	1489	1482	14
25.4:	1481	1.9	1485	1478	14
25.6:	1478	2.0	1482	1474	14
25.8:	1476	1.9	1480	1473	14
26.0:	1475	1.9	1478	1472	14
26.2:	1475	1.9	1479	1473	14
26.4:	1475	1.7	1479	1473	14
26.6:	1476	1.5	1479	1474	14
26.8:	1474	1.0	1475	1472	14
27.0:	1473	.8	1475	1472	11
27.2:	1475	.6	1476	1474	11
27.4:	1478	.7	1480	1478	11
27.6:	1486	----- N/A -----			1

OCTOBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.62	.389	12.90	12.35	2
24.6:	11.58	.198	11.72	11.44	2
24.8:	10.89	.482	11.45	10.60	3
25.0:	9.87	.262	10.15	9.63	3
25.2:	8.93	.221	9.12	8.69	3
25.4:	7.85	.061	7.94	7.79	3
25.6:	6.87	.303	7.05	6.52	3
25.8:	6.41	.219	6.58	6.17	3
26.0:	6.15	.160	6.30	5.98	3
26.2:	5.98	.338	6.19	5.59	3
26.4:	6.04	.295	6.23	5.70	3
26.6:	6.05	.129	6.13	5.91	3
26.8:	5.06	.168	5.21	4.88	3
27.0:	4.14	.007	4.15	4.14	2
27.2:	3.70	.064	3.75	3.66	2
27.4:	2.97	.049	3.01	2.94	2
27.6:		----- N/A -----			0

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	32.319	.1188	32.403	32.235	2
24.6:	32.381	.0835	32.440	32.322	2
24.8:	32.471	.0681	32.537	32.401	3
25.0:	32.516	.0483	32.569	32.474	3
25.2:	32.558	.0336	32.597	32.536	3
25.4:	32.582	.0353	32.623	32.560	3
25.6:	32.642	.0541	32.680	32.580	3
25.8:	32.824	.0387	32.856	32.781	3
26.0:	33.038	.0219	33.060	33.016	3
26.2:	33.259	.0540	33.292	33.197	3
26.4:	33.524	.0449	33.553	33.472	3
26.6:	33.775	.0194	33.788	33.753	3
26.8:	33.877	.0240	33.897	33.850	3
27.0:	34.004	.0000	34.005	34.003	2
27.2:	34.197	.0084	34.203	34.191	2
27.4:	34.362	.0057	34.366	34.359	2
27.6:		----- N/A -----			0

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	43	11.3	51	35	2
24.6:	46	12.0	55	38	2
24.8:	50	9.0	59	41	3
25.0:	55	9.5	64	45	3
25.2:	59	10.3	68	48	3
25.4:	66	6.7	72	59	3
25.6:	79	7.2	88	75	3
25.8:	100	7.9	106	91	3
26.0:	113	4.0	117	109	3
26.2:	128	2.0	130	126	3
26.4:	143	2.1	145	141	3
26.6:	169	2.0	171	167	3
26.8:	276	26.1	297	247	3
27.0:	453	10.6	461	446	2
27.2:	668	29.0	689	648	2
27.4:	1046	34.6	1071	1022	2
27.6:		----- N/A -----			0

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	354.7	.21	354.9	354.6	2
24.6:	335.4	.14	335.5	335.3	2
24.8:	316.4	.32	316.8	316.2	3
25.0:	297.3	.15	297.5	297.2	3
25.2:	278.4	.10	278.5	278.3	3
25.4:	259.5	.11	259.6	259.4	3
25.6:	240.6	.10	240.7	240.5	3
25.8:	221.8	.06	221.8	221.7	3
26.0:	202.9	.06	202.9	202.8	3
26.2:	184.1	.10	184.2	184.0	3
26.4:	165.3	.12	165.4	165.2	3
26.6:	146.8	.06	146.8	146.7	3
26.8:	128.6	.17	128.7	128.4	3
27.0:	110.7	.14	110.8	110.6	2
27.2:	93.1	.14	93.2	93.0	2
27.4:	75.5	.07	75.6	75.5	2
27.6:		----- N/A -----			0

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.62	.396	12.90	12.34	2
24.6:	11.57	.205	11.72	11.43	2
24.8:	10.89	.477	11.44	10.60	3
25.0:	9.86	.262	10.14	9.62	3
25.2:	8.92	.221	9.11	8.68	3
25.4:	7.84	.078	7.93	7.79	3
25.6:	6.86	.306	7.04	6.51	3
25.8:	6.40	.218	6.58	6.16	3
26.0:	6.14	.160	6.29	5.97	3
26.2:	5.97	.338	6.18	5.58	3
26.4:	6.03	.292	6.21	5.69	3
26.6:	6.04	.121	6.11	5.90	3
26.8:	5.04	.168	5.19	4.86	3
27.0:	4.11	.007	4.12	4.11	2
27.2:	3.65	.064	3.70	3.61	2
27.4:	2.90	.057	2.94	2.86	2
27.6:		----- N/A -----			0

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	352.3	1.56	353.4	351.2	2
24.6:	329.1	2.69	331.0	327.2	2
24.8:	310.9	4.61	315.4	306.2	3
25.0:	290.9	2.88	293.5	287.8	3
25.2:	273.5	3.47	277.5	271.4	3
25.4:	256.4	1.53	257.3	254.6	3
25.6:	239.1	.55	239.5	238.5	3
25.8:	219.7	.25	220.0	219.5	3
26.0:	200.6	.26	200.8	200.3	3
26.2:	182.1	.10	182.2	182.0	3
26.4:	163.0	.20	163.2	162.8	3
26.6:	144.3	.10	144.4	144.2	3
26.8:	125.3	.12	125.4	125.2	3
27.0:	106.1	.07	106.2	106.1	2
27.2:	87.2	.00	87.2	87.2	2
27.4:	68.0	.14	68.1	67.9	2
27.6:		----- N/A -----			0

OCTOBER

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	1.56	.424	1.86	1.26	2
24.6:	1.69	.453	2.01	1.37	2
24.8:	1.75	.344	2.14	1.48	3
25.0:	1.89	.354	2.27	1.57	3
25.2:	2.02	.360	2.39	1.67	3
25.4:	2.21	.269	2.50	1.97	3
25.6:	2.55	.307	2.90	2.34	3
25.8:	3.03	.277	3.26	2.72	3
26.0:	3.31	.201	3.50	3.10	3
26.2:	3.59	.135	3.73	3.46	3
26.4:	3.86	.121	3.99	3.75	3
26.6:	4.26	.160	4.43	4.11	3
26.8:	5.73	.457	6.01	5.20	3
27.0:	7.97	.269	8.16	7.79	2
27.2:	10.16	.438	10.47	9.85	2
27.4:	13.33	.495	13.68	12.98	2
27.6:		----- N/A -----			0

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	.36	.184	.49	.23	2
24.6:	.42	.212	.57	.27	2
24.8:	.46	.173	.65	.31	3
25.0:	.54	.190	.73	.35	3
25.2:	.61	.206	.81	.40	3
25.4:	.73	.165	.89	.56	3
25.6:	.98	.199	1.21	.86	3
25.8:	1.43	.206	1.57	1.19	3
26.0:	1.73	.138	1.83	1.57	3
26.2:	2.08	.049	2.11	2.02	3
26.4:	2.46	.032	2.48	2.42	3
26.6:	3.10	.089	3.17	3.00	3
26.8:	6.46	1.028	7.25	5.30	3
27.0:	14.57	.679	15.05	14.09	2
27.2:	27.17	2.086	28.65	25.70	2
27.4:	54.97	3.642	57.55	52.40	2
27.6:		----- N/A -----			0

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	11.332	.2086	11.480	11.185	2
24.6:	11.204	.2319	11.368	11.040	2
24.8:	11.083	.2524	11.262	10.905	2
25.0:	10.971	.2729	11.164	10.778	2
25.2:	10.865	.2906	11.071	10.660	2
25.4:	10.660	.1549	10.770	10.551	2
25.6:	10.244	.1315	10.337	10.151	2
25.8:	9.713	.1032	9.786	9.640	2
26.0:	9.480	.0969	9.549	9.412	2
26.2:	9.237	.1160	9.319	9.155	2
26.4:	8.975	.1230	9.062	8.888	2
26.6:	8.554	.0962	8.622	8.486	2
26.8:	6.900	.1937	7.037	6.763	2
27.0:	4.922	.0530	4.960	4.885	2
27.2:	2.732	.2185	2.887	2.578	2
27.4:	-.438	.2758	-.243	-.633	2
27.6:		----- N/A -----			0

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.868	.1987	13.009	12.728	2
24.6:	12.781	.1761	12.906	12.657	2
24.8:	12.688	.1513	12.795	12.581	2
25.0:	12.588	.1259	12.677	12.499	2
25.2:	12.481	.0997	12.552	12.411	2
25.4:	12.368	.0742	12.421	12.316	2
25.6:	12.228	.0594	12.270	12.186	2
25.8:	12.048	.0559	12.088	12.009	2
26.0:	11.838	.0587	11.880	11.797	2
26.2:	11.609	.0615	11.653	11.566	2
26.4:	11.353	.0672	11.401	11.306	2
26.6:	11.067	.0721	11.118	11.016	2
26.8:	10.669	.0806	10.726	10.612	2
27.0:	9.985	.0679	10.033	9.937	2
27.2:	9.009	.0573	9.050	8.969	2
27.4:	7.549	.0014	7.550	7.548	2
27.6:		----- N/A -----			0

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:		----- N/A -----			0
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	1497	1.4	1498	1496	2
24.6:	1493	.7	1494	1493	2
24.8:	1491	1.7	1493	1490	3
25.0:	1487	1.2	1489	1487	3
25.2:	1484	1.2	1485	1483	3
25.4:	1480	.6	1481	1480	3
25.6:	1476	1.5	1478	1475	3
25.8:	1475	.6	1476	1475	3
26.0:	1475	1.0	1476	1474	3
26.2:	1475	1.7	1476	1473	3
26.4:	1475	1.2	1476	1474	3
26.6:	1476	.6	1477	1476	3
26.8:	1474	.6	1475	1474	3
27.0:	1473	.7	1474	1473	2
27.2:	1475	.7	1476	1475	2
27.4:	1479	.0	1479	1479	2
27.6:		----- N/A -----			0

NOVEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.17	----- N/A -----			1
25.2:	9.48	.474	9.82	9.15	2
25.4:	8.57	.417	8.87	8.28	2
25.6:	7.53	.438	7.84	7.22	2
25.8:	6.64	.396	6.92	6.36	2
26.0:	6.37	.481	6.71	6.03	2
26.2:	6.28	.728	6.80	5.77	2
26.4:	6.28	.841	6.88	5.69	2
26.6:	6.09	.686	6.58	5.61	2
26.8:	4.97	.035	5.00	4.95	2
27.0:	4.20	.078	4.26	4.15	2
27.2:	3.65	.014	3.66	3.64	2
27.4:	3.05	.071	3.10	3.00	2
27.6:	2.25	.127	2.34	2.16	2

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	32.527	----- N/A -----			1
25.2:	32.642	.0707	32.692	32.592	2
25.4:	32.701	.0771	32.756	32.647	2
25.6:	32.771	.0849	32.831	32.711	2
25.8:	32.855	.0636	32.900	32.810	2
26.0:	33.070	.0693	33.119	33.021	2
26.2:	33.307	.1216	33.393	33.221	2
26.4:	33.564	.1301	33.656	33.472	2
26.6:	33.783	.1103	33.861	33.705	2
26.8:	33.863	.0045	33.867	33.860	2
27.0:	34.012	.0095	34.019	34.005	2
27.2:	34.190	.0000	34.191	34.189	2
27.4:	34.370	.0079	34.376	34.365	2
27.6:	34.536	.0110	34.544	34.529	2

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	53	----- N/A -----			1
25.2:	65	2.8	67	63	2
25.4:	74	2.8	76	72	2
25.6:	85	.7	86	85	2
25.8:	98	7.1	103	93	2
26.0:	115	2.1	117	114	2
26.2:	126	3.5	129	124	2
26.4:	139	4.2	142	136	2
26.6:	168	21.2	183	153	2
26.8:	265	30.4	287	244	2
27.0:	417	58.0	458	376	2
27.2:	645	55.2	684	606	2
27.4:	979	61.5	1023	936	2
27.6:	1579	176.1	1704	1455	2

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	297.6	----- N/A -----			1
25.2:	278.7	.21	278.9	278.6	2
25.4:	259.8	.14	259.9	259.7	2
25.6:	240.7	.07	240.8	240.7	2
25.8:	221.8	.01	221.8	221.8	2
26.0:	202.9	.21	203.1	202.8	2
26.2:	184.1	.21	184.3	184.0	2
26.4:	165.3	.35	165.6	165.1	2
26.6:	146.8	.57	147.2	146.4	2
26.8:	128.4	.35	128.7	128.2	2
27.0:	110.4	.64	110.9	110.0	2
27.2:	92.8	.42	93.1	92.5	2
27.4:	75.3	.21	75.5	75.2	2
27.6:	57.7	.49	58.1	57.4	2

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.16	----- N/A -----			1
25.2:	9.48	.481	9.82	9.14	2
25.4:	8.56	.417	8.86	8.27	2
25.6:	7.52	.438	7.83	7.21	2
25.8:	6.63	.396	6.91	6.35	2
26.0:	6.36	.481	6.70	6.02	2
26.2:	6.27	.728	6.79	5.76	2
26.4:	6.27	.834	6.86	5.68	2
26.6:	6.08	.686	6.57	5.60	2
26.8:	4.96	.028	4.98	4.94	2
27.0:	4.18	.071	4.23	4.13	2
27.2:	3.60	.007	3.61	3.60	2
27.4:	2.98	.078	3.04	2.93	2
27.6:	2.14	.141	2.24	2.04	2

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	294.8	----- N/A -----			1
25.2:	275.7	1.98	277.1	274.3	2
25.4:	257.7	.28	257.9	257.5	2
25.6:	238.0	.50	238.4	237.7	2
25.8:	220.3	.14	220.4	220.2	2
26.0:	200.9	.64	201.4	200.5	2
26.2:	182.3	.28	182.5	182.1	2
26.4:	163.1	.42	163.4	162.8	2
26.6:	144.4	.00	144.4	144.4	2
26.8:	125.4	.00	125.4	125.4	2
27.0:	106.1	.07	106.2	106.1	2
27.2:	87.2	.07	87.3	87.2	2
27.4:	68.1	.00	68.1	68.1	2
27.6:	48.8	.28	49.0	48.6	2

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1.64	----- N/A -----			1
25.2:	1.93	.049	1.97	1.90	2
25.4:	2.18	.049	2.22	2.15	2
25.6:	2.46	.049	2.50	2.43	2
25.8:	2.76	.184	2.89	2.63	2
26.0:	3.14	.014	3.15	3.13	2
26.2:	3.35	.035	3.38	3.33	2
26.4:	3.57	.049	3.61	3.54	2
26.6:	4.02	.311	4.24	3.80	2
26.8:	5.36	.453	5.68	5.04	2
27.0:	7.17	.806	7.74	6.60	2
27.2:	9.49	.799	10.06	8.93	2
27.4:	12.30	.870	12.92	11.69	2
27.6:	16.29	1.648	17.46	15.13	2

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	.45	----- N/A -----			1
25.2:	.64	.042	.67	.61	2
25.4:	.82	.057	.86	.78	2
25.6:	1.04	.021	1.06	1.03	2
25.8:	1.32	.156	1.43	1.21	2
26.0:	1.73	.049	1.77	1.70	2
26.2:	2.00	.078	2.06	1.95	2
26.4:	2.30	.106	2.38	2.23	2
26.6:	3.02	.580	3.43	2.61	2
26.8:	4.00	1.245	4.88	5.12	2
27.0:	12.41	3.281	14.73	10.09	2
27.2:	25.03	4.589	28.28	21.79	2
27.4:	48.35	6.887	53.22	43.48	2
27.6:	100.93	21.843	116.38	85.49	2

NOVEMBER

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.460	----- N/A -----			1
25.2:	10.443	.3521	10.692	10.194	2
25.4:	10.194	.3479	10.440	9.948	2
25.6:	9.912	.4890	10.230	9.595	2
25.8:	9.622	.5862	10.037	9.208	2
26.0:	9.240	.3847	9.512	8.968	2
26.2:	9.024	.3719	9.287	8.761	2
26.4:	8.801	.3543	9.052	8.551	2
26.6:	8.358	.0912	8.423	8.294	2
26.8:	7.021	.0530	7.059	6.984	2
27.0:	5.209	.4038	5.495	4.924	2
27.2:	2.883	.3939	3.162	2.605	2
27.4:	.078	.4674	.408	-.253	2
27.6:	-3.911	1.2459	-3.030	-4.792	2

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	12.060	----- N/A -----			1
25.2:	12.259	.4391	12.570	11.949	2
25.4:	12.126	.4320	12.432	11.821	2
25.6:	11.974	.4278	12.277	11.672	2
25.8:	11.802	.4327	12.108	11.496	2
26.0:	11.599	.4377	11.909	11.290	2
26.2:	11.369	.4335	11.676	11.063	2
26.4:	11.120	.4285	11.423	10.817	2
26.6:	10.839	.4108	11.130	10.549	2
26.8:	10.460	.3458	10.705	10.216	2
27.0:	9.852	.2680	10.042	9.663	2
27.2:	8.928	.1527	9.036	8.820	2
27.4:	7.529	.0269	7.548	7.510	2
27.6:	5.311	.1358	5.407	5.215	2

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			0
25.2:	6.42	----- N/A -----			1
25.4:	6.45	----- N/A -----			1
25.6:	6.48	----- N/A -----			1
25.8:	6.51	----- N/A -----			1
26.0:	6.08	----- N/A -----			1
26.2:	5.65	----- N/A -----			1
26.4:	5.23	----- N/A -----			1
26.6:	4.60	----- N/A -----			1
26.8:	3.13	----- N/A -----			1
27.0:	1.39	----- N/A -----			1
27.2:	.70	----- N/A -----			1
27.4:	.50	----- N/A -----			1
27.6:	1.09	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1489	----- N/A -----			1
25.2:	1486	2.1	1488	1485	2
25.4:	1483	2.1	1485	1482	2
25.6:	1479	2.1	1481	1478	2
25.8:	1476	1.4	1477	1475	2
26.0:	1475	2.1	1477	1474	2
26.2:	1476	2.8	1478	1474	2
26.4:	1476	3.5	1479	1474	2
26.6:	1476	3.5	1479	1474	2
26.8:	1473	.7	1474	1473	2
27.0:	1473	1.4	1474	1472	2
27.2:	1475	1.4	1476	1474	2
27.4:	1478	.7	1479	1478	2
27.6:	1485	2.8	1487	1483	2

DECEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.82	.268	10.22	9.67	4
25.2:	9.04	.438	9.47	8.59	8
25.4:	8.32	.446	9.20	7.77	10
25.6:	7.58	.507	8.49	6.95	10
25.8:	6.87	.584	7.80	6.22	10
26.0:	6.40	.552	7.17	5.69	10
26.2:	6.36	.490	6.97	5.75	9
26.4:	6.34	.423	7.00	5.70	9
26.6:	6.22	.365	6.63	5.52	9
26.8:	5.20	.279	5.60	4.67	10
27.0:	4.15	.109	4.25	3.94	7
27.2:	3.65	.044	3.73	3.60	7
27.4:	3.04	.028	3.08	3.00	7
27.6:		----- N/A -----			0

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	32.432	.0555	32.515	32.397	4
25.2:	32.555	.0892	32.715	32.453	8
25.4:	32.672	.0788	32.824	32.597	10
25.6:	32.785	.0885	32.949	32.675	10
25.8:	32.901	.1005	33.084	32.786	10
26.0:	33.076	.0905	33.207	32.960	10
26.2:	33.324	.0811	33.423	33.225	9
26.4:	33.572	.0691	33.682	33.469	9
26.6:	33.803	.0586	33.869	33.691	9
26.8:	33.898	.0411	33.957	33.821	10
27.0:	34.004	.0149	34.017	33.975	7
27.2:	34.192	.0058	34.202	34.185	7
27.4:	34.369	.0035	34.373	34.365	7
27.6:		----- N/A -----			0

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	48	22.1	74	20	4
25.2:	55	23.4	80	1	8
25.4:	70	9.8	87	59	10
25.6:	80	10.8	95	67	10
25.8:	92	9.1	104	74	10
26.0:	110	5.6	119	101	10
26.2:	125	8.4	136	111	9
26.4:	141	10.2	157	121	9
26.6:	172	16.5	194	145	9
26.8:	263	17.0	295	241	10
27.0:	426	22.5	461	396	7
27.2:	655	15.8	681	633	7
27.4:	994	25.1	1021	965	7
27.6:		----- N/A -----			0

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	297.5	.41	298.0	297.0	4
25.2:	278.5	.41	278.9	277.6	8
25.4:	259.6	.22	259.9	259.3	10
25.6:	240.6	.22	240.9	240.4	10
25.8:	221.8	.18	222.0	221.5	10
26.0:	202.9	.16	203.2	202.8	10
26.2:	184.1	.18	184.4	183.9	9
26.4:	165.4	.21	165.7	165.2	9
26.6:	146.9	.29	147.3	146.6	9
26.8:	128.6	.27	129.1	128.2	10
27.0:	110.5	.24	110.8	110.1	7
27.2:	92.9	.17	93.1	92.7	7
27.4:	75.4	.13	75.6	75.3	7
27.6:		----- N/A -----			0

DECEMBER

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.81	.270	10.22	9.66	4
25.2:	9.04	.438	9.87	8.59	8
25.4:	8.37	.445	9.19	7.76	10
25.6:	7.57	.505	8.48	6.94	10
25.8:	6.86	.583	7.79	6.21	10
26.0:	6.39	.550	7.15	5.68	10
26.2:	6.35	.491	6.96	5.79	9
26.4:	6.33	.423	6.99	5.69	9
26.6:	6.21	.362	6.61	5.51	9
26.8:	5.18	.278	5.57	4.65	10
27.0:	4.12	.108	4.22	3.91	7
27.2:	3.60	.043	3.68	3.55	7
27.4:	2.98	.028	3.01	2.93	7
27.6:		----- N/A -----			0

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	296.3	.26	296.6	296.0	4
25.2:	275.5	1.52	277.4	273.4	8
25.4:	256.4	1.69	258.5	254.2	10
25.6:	237.7	.87	238.9	236.2	10
25.8:	220.0	.57	220.5	218.5	10
26.0:	201.0	.28	201.3	200.6	10
26.2:	181.9	.45	182.4	181.2	9
26.4:	163.1	.10	163.3	163.0	9
26.6:	144.3	.07	144.4	144.2	9
26.8:	125.3	.07	125.4	125.2	10
27.0:	106.2	.14	106.4	106.1	7
27.2:	87.2	.05	87.2	87.1	7
27.4:	68.1	.09	68.2	68.0	7
27.6:		----- N/A -----			0

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1.60	.686	2.27	.60	4
25.2:	1.65	.701	2.46	.03	8
25.4:	2.02	.313	2.65	1.56	10
25.6:	2.26	.313	2.83	1.75	10
25.8:	2.55	.294	3.04	1.92	10
26.0:	2.93	.208	3.28	2.65	10
26.2:	3.22	.238	3.60	2.90	9
26.4:	3.49	.260	3.88	3.08	9
26.6:	3.98	.345	4.58	3.45	9
26.8:	5.23	.334	5.90	4.90	10
27.0:	7.11	.369	7.78	6.67	7
27.2:	9.46	.325	10.05	9.07	7
27.4:	12.31	.355	12.91	11.91	7
27.6:		----- N/A -----			0

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	.43	.333	.87	.06	4
25.2:	.54	.279	1.01	.00	8
25.4:	.74	.219	1.18	.47	10
25.6:	.92	.248	1.35	.59	10
25.8:	1.18	.234	1.57	.72	10
26.0:	1.57	.175	1.84	1.30	10
26.2:	1.92	.243	2.23	1.51	9
26.4:	2.29	.311	2.77	1.72	9
26.6:	3.09	.531	3.86	2.23	9
26.8:	5.87	.766	7.22	5.01	10
27.0:	12.62	1.374	14.93	10.77	7
27.2:	25.58	1.472	28.17	23.56	7
27.4:	49.65	2.593	52.98	46.24	7
27.6:		----- N/A -----			0

DELTA -OH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	11.008	.5449	11.607	10.542	3
25.2:	10.895	.7243	12.251	10.294	6
25.4:	10.379	.2359	10.617	9.950	7
25.6:	10.158	.2161	10.418	9.773	7
25.8:	9.818	.2113	10.108	9.552	7
26.0:	9.391	.1467	9.556	9.142	7
26.2:	9.100	.1606	9.313	8.870	7
26.4:	8.835	.1704	9.137	8.607	7
26.6:	8.419	.1777	8.766	8.225	7
26.8:	7.183	.0960	7.335	7.041	8
27.0:	5.169	.1868	5.400	4.889	7
27.2:	2.823	.1167	2.968	2.623	7
27.4:	-.032	.1896	.191	-.235	7
27.6:		----- N/A -----			0

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	12.224	.1498	12.379	12.080	3
25.2:	12.236	.2073	12.591	11.975	6
25.4:	12.106	.1952	12.466	11.858	7
25.6:	11.971	.1907	12.320	11.729	7
25.8:	11.818	.1828	12.151	11.584	7
26.0:	11.629	.1778	11.954	11.389	7
26.2:	11.407	.1683	11.712	11.168	7
26.4:	11.159	.1583	11.439	10.920	7
26.6:	10.879	.1474	11.124	10.639	7
26.8:	10.502	.1252	10.713	10.279	8
27.0:	9.913	.0900	10.042	9.796	7
27.2:	8.964	.0443	9.015	8.892	7
27.4:	7.540	.0117	7.559	7.528	7
27.6:		----- N/A -----			0

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1487	.5	1488	1487	4
25.2:	1484	1.9	1488	1482	8
25.4:	1482	1.9	1486	1480	10
25.6:	1479	2.0	1483	1477	10
25.8:	1477	2.4	1481	1475	10
26.0:	1475	2.3	1479	1473	10
26.2:	1476	2.0	1479	1474	9
26.4:	1477	1.9	1480	1474	9
26.6:	1477	1.6	1479	1474	9
26.8:	1474	1.4	1477	1472	10
27.0:	1473	.7	1474	1472	7
27.2:	1475	.4	1476	1475	7
27.4:	1478	.5	1479	1478	7
27.6:		----- N/A -----			0

Table 11. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, using all data, for Station 9.

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.72	2.953	16.60	5.29	146
10:	9.65	2.953	16.40	5.27	146
20:	9.42	2.787	16.42	5.27	146
30:	8.95	2.463	15.56	5.25	146
50:	7.60	1.272	12.54	5.25	146
75:	6.84	.888	10.14	5.20	146
100:	6.25	.669	8.50	4.97	146
125:	6.00	.539	7.19	4.87	146
150:	5.94	.531	7.34	4.75	145
175:	5.80	.533	7.27	4.63	145
200:	5.57	.527	7.01	4.45	145
225:	5.31	.491	6.76	4.23	145
250:	5.07	.468	6.56	4.04	145
300:	4.69	.397	6.02	3.80	145
400:	4.24	.266	5.14	3.66	137
500:	4.00	.187	4.59	3.65	127
600:	3.79	.140	4.27	3.51	127
700:	3.59	.118	4.00	3.36	125
800:	3.40	.099	3.73	3.19	125
900:	3.21	.084	3.48	3.02	124
1000:	3.04	.072	3.23	2.86	124
1200:	2.73	.054	2.91	2.61	120
1500:	2.36	.043	2.48	2.26	104
2000:	1.94	.022	2.00	1.89	47
2500:	1.72	.017	1.76	1.69	32
3000:	1.60	.019	1.65	1.56	30
3500:	1.55	.018	1.59	1.51	28

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.545	.1057	32.836	32.260	146
10:	32.538	.0997	32.767	32.254	146
20:	32.542	.1001	32.764	32.252	146
30:	32.548	.0987	32.764	32.293	146
50:	32.581	.0979	32.862	32.340	146
75:	32.622	.1000	32.915	32.400	146
100:	32.783	.1838	33.348	32.460	146
125:	33.170	.2444	33.711	32.585	146
150:	33.566	.1655	33.829	32.813	145
175:	33.746	.0938	33.940	33.370	145
200:	33.814	.0546	33.960	33.591	145
225:	33.842	.0420	33.960	33.694	145
250:	33.861	.0366	33.967	33.750	145
300:	33.899	.0314	33.982	33.800	145
400:	33.992	.0293	34.086	33.885	137
500:	34.084	.0292	34.162	33.960	127
600:	34.165	.0259	34.233	34.055	127
700:	34.233	.0233	34.296	34.126	125
800:	34.289	.0234	34.347	34.185	125
900:	34.335	.0224	34.386	34.226	124
1000:	34.374	.0220	34.420	34.267	124
1200:	34.437	.0204	34.485	34.330	120
1500:	34.508	.0196	34.573	34.451	104
2000:	34.588	.0111	34.607	34.550	47
2500:	34.631	.0093	34.645	34.611	32
3000:	34.655	.0096	34.673	34.630	30
3500:	34.671	.0090	34.690	34.652	28

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.063	.5411	25.829	23.566	146
10:	25.067	.5385	25.829	23.605	146
20:	25.112	.5053	25.829	23.602	146
30:	25.199	.4831	25.829	23.818	146
50:	25.449	.2056	25.853	24.685	146
75:	25.589	.1522	25.873	25.062	146
100:	25.793	.1758	26.249	25.357	146
125:	26.130	.1940	26.490	25.600	146
150:	26.449	.1462	26.677	25.728	145
175:	26.608	.0949	26.778	26.122	145
200:	26.690	.0660	26.816	26.385	145
225:	26.743	.0540	26.863	26.510	145
250:	26.786	.0474	26.907	26.587	145
300:	26.860	.0411	26.975	26.699	145
400:	26.983	.0372	27.097	26.840	137
500:	27.080	.0340	27.175	26.936	127
600:	27.166	.0280	27.237	27.056	127
700:	27.240	.0245	27.309	27.143	125
800:	27.303	.0234	27.362	27.208	125
900:	27.358	.0215	27.400	27.265	124
1000:	27.405	.0203	27.450	27.315	124
1200:	27.482	.0182	27.528	27.388	120
1500:	27.571	.0172	27.627	27.521	104
2000:	27.669	.0095	27.683	27.639	47
2500:	27.720	.0076	27.732	27.702	32
3000:	27.748	.0079	27.763	27.727	30
3500:	27.764	.0077	27.782	27.748	28

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	290.7	51.52	433.3	217.8	146
10:	290.5	51.32	429.9	217.9	146
20:	286.4	48.20	430.5	218.0	146
30:	278.2	42.30	410.1	218.1	146
50:	254.7	19.67	327.8	216.1	146
75:	241.6	14.58	292.2	214.4	146
100:	222.4	16.77	264.4	179.2	146
125:	190.7	18.41	241.3	156.5	146
150:	160.8	13.92	229.4	138.9	145
175:	146.0	9.11	192.6	129.6	145
200:	138.4	6.43	167.9	126.2	145
225:	133.5	5.32	156.3	121.8	145
250:	129.6	4.70	149.3	117.8	145
300:	123.0	4.12	139.1	111.7	145
400:	111.9	3.70	126.0	100.8	137
500:	103.3	3.37	117.4	94.0	127
600:	95.8	2.77	106.6	89.0	127
700:	89.4	2.45	98.9	82.6	125
800:	83.8	2.31	93.2	78.1	125
900:	79.1	2.12	87.8	74.9	124
1000:	74.9	1.99	83.5	70.4	124
1200:	68.1	1.77	77.1	63.6	120
1500:	60.2	1.66	65.0	54.9	104
2000:	51.6	.92	54.2	50.1	47
2500:	47.5	.72	49.2	46.2	32
3000:	45.6	.74	47.6	44.2	30
3500:	45.3	.77	46.8	43.3	28

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.72	2.953	16.60	5.29	146
10:	9.65	2.953	16.40	5.27	146
20:	9.42	2.787	16.42	5.27	146
30:	8.95	2.463	15.56	5.25	146
50:	7.60	1.270	12.53	5.25	146
75:	6.83	.887	10.13	5.19	146
100:	6.24	.669	8.49	4.96	146
125:	5.99	.539	7.18	4.86	146
150:	5.93	.531	7.33	4.74	145
175:	5.79	.530	7.25	4.62	145
200:	5.55	.526	6.99	4.43	145
225:	5.29	.491	6.74	4.21	145
250:	5.05	.467	6.54	4.02	145
300:	4.67	.396	5.99	3.78	145
400:	4.21	.266	5.11	3.64	137
500:	3.97	.187	4.55	3.62	127
600:	3.75	.139	4.23	3.47	127
700:	3.54	.118	3.95	3.31	125
800:	3.34	.099	3.67	3.14	125
900:	3.15	.083	3.41	2.96	124
1000:	2.97	.072	3.16	2.79	124
1200:	2.65	.053	2.83	2.53	120
1500:	2.26	.043	2.38	2.16	104
2000:	1.80	.021	1.86	1.76	47
2500:	1.54	.018	1.58	1.51	32
3000:	1.38	.018	1.42	1.34	30
3500:	1.28	.016	1.31	1.24	28

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	290.7	51.52	433.3	217.8	146
10:	290.3	51.26	429.6	217.8	146
20:	286.0	48.09	429.8	217.8	146
30:	277.7	42.16	409.2	217.8	146
50:	253.9	19.55	326.5	215.5	146
75:	240.6	14.46	290.7	213.6	146
100:	221.2	16.71	262.6	177.8	146
125:	189.1	18.42	239.4	154.9	146
150:	158.8	13.87	227.2	137.2	145
175:	143.7	9.00	189.8	127.6	145
200:	135.9	6.25	164.8	124.0	145
225:	130.8	5.11	152.9	119.5	145
250:	126.7	4.48	145.6	115.3	145
300:	119.8	3.88	134.9	108.8	145
400:	108.0	3.52	121.5	97.2	137
500:	98.7	3.21	112.3	89.7	127
600:	90.5	2.64	100.9	83.8	127
700:	83.5	2.31	92.6	77.0	125
800:	77.4	2.21	86.4	71.8	125
900:	72.2	2.04	81.0	68.2	124
1000:	67.7	1.91	76.3	63.5	124
1200:	60.3	1.72	69.2	55.9	120
1500:	51.8	1.62	56.5	46.5	104
2000:	42.3	.90	45.1	40.9	47
2500:	37.3	.71	38.9	36.1	32
3000:	34.3	.75	36.3	32.9	30
3500:	32.4	.74	34.0	30.7	28

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	146
10:	.29	.052	.43	.22	146
20:	.58	.102	.87	.44	146
30:	.86	.146	1.29	.65	146
50:	1.40	.198	1.99	1.09	146
75:	2.02	.216	2.66	1.64	146
100:	2.60	.221	3.25	2.17	146
125:	3.12	.226	3.75	2.68	146
150:	3.56	.238	4.16	3.07	145
175:	3.94	.250	4.54	3.41	145
200:	4.29	.259	4.92	3.72	145
225:	4.63	.266	5.29	4.04	145
250:	4.96	.273	5.67	4.33	145
300:	5.59	.284	6.39	4.91	145
400:	6.76	.306	7.71	5.97	137
500:	7.83	.331	8.92	6.96	127
600:	8.82	.350	10.04	7.87	127
700:	9.76	.366	11.06	8.73	125
800:	10.62	.382	12.02	9.53	125
900:	11.44	.399	12.93	10.29	124
1000:	12.21	.413	13.77	11.02	124
1200:	13.63	.443	15.35	12.39	120
1500:	15.52	.468	17.44	14.22	104
2000:	18.37	.400	19.40	17.36	47
2500:	20.83	.480	21.89	19.81	32
3000:	23.13	.495	24.22	22.08	30
3500:	25.34	.476	26.51	24.30	28

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	146
10:	.01	.005	.02	.01	146
20:	.06	.011	.09	.04	146
30:	.13	.022	.20	.10	146
50:	.35	.043	.48	.28	146
75:	.75	.059	.91	.63	146
100:	1.26	.073	1.44	1.10	146
125:	1.85	.098	2.08	1.64	146
150:	2.47	.140	2.85	2.18	145
175:	3.10	.177	3.66	2.74	145
200:	3.78	.206	4.52	3.35	145
225:	4.51	.231	5.39	4.03	145
250:	5.31	.254	6.31	4.75	145
300:	7.08	.301	8.31	6.35	145
400:	11.25	.419	12.97	10.14	137
500:	16.17	.563	18.50	14.68	127
600:	21.74	.714	24.79	19.79	127
700:	27.89	.868	31.53	25.47	125
800:	34.49	1.035	38.89	31.59	125
900:	41.55	1.214	46.73	38.21	124
1000:	49.00	1.388	54.94	45.31	124
1200:	64.99	1.781	72.58	60.57	120
1500:	91.22	2.295	101.30	85.80	104
2000:	141.32	2.148	146.35	136.60	47
2500:	197.65	2.947	203.96	192.35	32
3000:	262.62	3.697	270.38	255.43	30
3500:	337.47	4.661	347.52	327.87	28

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.66	.348	7.06	5.93	10
10:	6.64	.408	7.13	5.93	10
20:	6.71	.347	7.08	6.12	10
30:	6.78	.383	7.42	6.18	10
50:	6.89	.208	7.28	6.56	10
75:	6.89	.233	7.32	6.56	10
100:	6.64	.296	7.19	6.17	10
125:	5.61	.862	7.00	3.95	10
150:	4.78	.888	6.04	3.03	10
175:	4.04	.775	5.44	2.87	10
200:	3.82	.655	4.99	2.87	10
225:	3.61	.578	4.69	2.90	10
250:	3.38	.544	4.42	2.64	10
300:	2.59	.417	3.24	1.91	9
400:	1.70	.250	2.01	1.22	8
500:	1.09	.174	1.33	.82	8
600:	.77	.122	1.00	.66	8
700:	.58	.082	.73	.49	8
800:	.49	.070	.63	.41	8
900:	.48	.089	.67	.38	8
1000:	.47	.108	.70	.35	8
1200:	.56	.170	.92	.42	8
1500:	.73	.151	1.08	.59	8
2000:	1.35	.103	1.53	1.19	7
2500:	2.00	.133	2.29	1.91	7
3000:	2.55	.183	2.93	2.37	7
3500:	2.89	.117	3.04	2.79	5

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1485	10.6	1509	1469	146
10:	1485	10.7	1509	1469	146
20:	1485	10.1	1509	1469	146
30:	1483	9.0	1506	1469	146
50:	1478	4.9	1497	1470	146
75:	1476	3.5	1489	1470	146
100:	1474	2.7	1483	1469	146
125:	1474	2.3	1479	1470	146
150:	1475	2.1	1480	1471	145
175:	1475	2.2	1481	1471	145
200:	1475	2.2	1481	1470	145
225:	1474	2.0	1480	1470	145
250:	1473	1.9	1480	1469	145
300:	1473	1.7	1479	1469	145
400:	1473	1.1	1477	1471	137
500:	1473	.8	1476	1472	127
600:	1474	.7	1477	1473	127
700:	1475	.5	1477	1475	125
800:	1476	.5	1478	1476	125
900:	1477	.5	1478	1477	124
1000:	1478	.4	1479	1478	124
1200:	1480	.5	1481	1480	120
1500:	1483	.2	1484	1483	104
2000:	1490	.5	1491	1490	47
2500:	1498	.0	1498	1498	32
3000:	1506	.0	1506	1506	30
3500:	1514	.0	1514	1514	28

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.203	.4151	13.774	11.025	121
10:	11.911	.3925	13.465	10.783	121
20:	11.621	.3749	13.156	10.544	121
30:	11.337	.3608	12.846	10.317	121
50:	10.802	.3462	12.266	9.883	121
75:	10.180	.3315	11.593	9.343	121
100:	9.604	.3125	10.951	8.819	121
125:	9.088	.2920	10.341	8.346	121
150:	8.650	.2702	9.791	7.959	121
175:	8.268	.2512	9.308	7.617	121
200:	7.914	.2352	8.882	7.302	121
225:	7.576	.2226	8.485	6.989	121
250:	7.247	.2110	8.105	6.691	121
300:	6.615	.1911	7.385	6.120	121
400:	5.493	.1530	6.063	5.053	121
500:	4.369	.1200	4.857	4.067	121
600:	3.373	.0907	3.733	3.155	121
700:	2.448	.0653	2.716	2.298	121
800:	1.583	.0422	1.754	1.497	121
900:	.769	.0202	.855	.724	121
1000:	.000	.0002	.002	.000	121
1200:	-1.426	.0390	-1.340	-1.596	120
1500:	-3.338	.0819	-3.116	-3.667	104
2000:	-6.145	.0854	-5.963	-6.343	47
2500:	-8.605	.1246	-8.358	-8.862	32
3000:	-10.922	.1538	-10.609	-11.231	30
3500:	-13.180	.1846	-12.797	-13.559	28

Table 12. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, by months, for Station 9.

JANUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.90	.500	8.59	6.97	11
10:	7.91	.492	8.59	6.97	11
20:	7.89	.486	8.59	6.97	11
30:	7.87	.472	8.58	6.97	11
50:	7.84	.469	8.58	6.97	11
75:	7.58	.704	8.57	6.03	11
100:	6.50	1.075	8.50	5.27	11
125:	5.90	.685	6.94	4.87	11
150:	5.88	.480	6.52	5.02	11
175:	5.78	.439	6.39	4.90	11
200:	5.60	.447	6.15	4.61	11
225:	5.35	.418	5.94	4.48	11
250:	5.10	.404	5.68	4.23	11
300:	4.71	.293	5.15	4.09	11
400:	4.22	.220	4.48	3.79	10
500:	3.95	.162	4.13	3.66	9
600:	3.73	.107	3.89	3.57	9
700:	3.54	.093	3.72	3.43	9
800:	3.36	.101	3.59	3.25	9
900:	3.17	.098	3.38	3.07	8
1000:	3.01	.090	3.19	2.92	8
1200:	2.70	.048	2.79	2.65	7
1500:	2.33	.035	2.37	2.27	6
2000:	1.93	----- N/A -----			1
2500:	1.69	----- N/A -----			1
3000:	1.58	----- N/A -----			1
3500:	1.56	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.510	.1069	32.766	32.400	11
10:	32.511	.0950	32.720	32.400	11
20:	32.516	.0969	32.723	32.400	11
30:	32.519	.0965	32.724	32.400	11
50:	32.524	.0973	32.729	32.400	11
75:	32.579	.1174	32.803	32.460	11
100:	32.840	.1963	33.200	32.620	11
125:	33.210	.2259	33.510	32.750	11
150:	33.548	.1630	33.780	33.210	11
175:	33.742	.0934	33.842	33.540	11
200:	33.812	.0478	33.870	33.720	11
225:	33.853	.0317	33.900	33.800	11
250:	33.874	.0317	33.920	33.820	11
300:	33.908	.0247	33.940	33.853	11
400:	33.992	.0254	34.022	33.939	10
500:	34.090	.0326	34.154	34.058	9
600:	34.167	.0258	34.209	34.134	9
700:	34.232	.0257	34.284	34.200	9
800:	34.291	.0185	34.325	34.260	9
900:	34.340	.0189	34.367	34.310	8
1000:	34.380	.0204	34.417	34.350	8
1200:	34.438	.0144	34.460	34.420	7
1500:	34.515	.0184	34.549	34.493	6
2000:	34.593	----- N/A -----			1
2500:	34.638	----- N/A -----			1
3000:	34.660	----- N/A -----			1
3500:	34.674	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.358	.1100	25.545	25.237	11
10:	25.357	.0939	25.501	25.246	11
20:	25.363	.0915	25.504	25.249	11
30:	25.369	.0879	25.506	25.249	11
50:	25.378	.0875	25.510	25.249	11
75:	25.456	.1549	25.838	25.297	11
100:	25.803	.2396	26.116	25.357	11
125:	26.173	.1800	26.430	25.904	11
150:	26.443	.1390	26.653	26.242	11
175:	26.608	.0746	26.717	26.491	11
200:	26.685	.0546	26.760	26.619	11
225:	26.748	.0367	26.805	26.683	11
250:	26.794	.0344	26.854	26.727	11
300:	26.865	.0337	26.930	26.809	11
400:	26.985	.0316	27.047	26.948	10
500:	27.091	.0306	27.140	27.048	9
600:	27.174	.0238	27.213	27.139	9
700:	27.244	.0246	27.296	27.211	9
800:	27.309	.0197	27.346	27.283	9
900:	27.365	.0182	27.396	27.339	8
1000:	27.411	.0173	27.437	27.385	8
1200:	27.486	.0097	27.496	27.470	7
1500:	27.579	.0146	27.607	27.566	6
2000:	27.673	----- N/A -----			1
2500:	27.728	----- N/A -----			1
3000:	27.754	----- N/A -----			1
3500:	27.766	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	262.6	10.47	274.1	244.8	11
10:	262.9	8.94	273.4	249.1	11
20:	262.4	8.72	273.3	249.0	11
30:	262.0	8.37	273.4	249.0	11
50:	261.4	8.34	273.7	248.9	11
75:	254.3	14.82	269.6	217.8	11
100:	221.6	22.93	264.4	191.6	11
125:	186.6	17.07	211.8	162.2	11
150:	161.3	13.22	180.2	141.4	11
175:	146.0	7.10	156.9	135.6	11
200:	138.9	5.32	145.4	131.4	11
225:	133.1	3.84	139.6	127.3	11
250:	128.9	3.44	135.5	122.7	11
300:	122.4	3.35	128.0	115.9	11
400:	111.7	3.13	115.3	105.5	10
500:	102.3	2.99	106.5	97.3	9
600:	95.0	2.32	98.6	91.2	9
700:	88.9	2.43	92.3	83.8	9
800:	83.2	2.03	86.2	79.5	9
900:	78.3	1.83	80.8	75.2	8
1000:	74.2	1.66	76.7	72.0	8
1200:	67.7	.88	69.2	66.7	7
1500:	59.4	1.39	60.3	56.7	6
2000:	51.1	----- N/A -----			1
2500:	46.5	----- N/A -----			1
3000:	45.0	----- N/A -----			1
3500:	45.1	----- N/A -----			1

JANUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.90	.500	8.59	6.97	11
10:	7.91	.492	8.59	6.97	11
20:	7.89	.486	8.59	6.97	11
30:	7.87	.472	8.58	6.97	11
50:	7.83	.466	8.57	6.97	11
75:	7.57	.702	8.56	6.03	11
100:	6.49	1.076	8.49	5.26	11
125:	5.89	.685	6.93	4.86	11
150:	5.86	.481	6.51	5.01	11
175:	5.77	.436	6.37	4.89	11
200:	5.59	.449	6.14	4.59	11
225:	5.33	.417	5.92	4.47	11
250:	5.08	.404	5.66	4.21	11
300:	4.68	.293	5.13	4.07	11
400:	4.19	.219	4.45	3.76	10
500:	3.91	.161	4.09	3.63	9
600:	3.69	.107	3.85	3.53	9
700:	3.49	.093	3.67	3.38	9
800:	3.30	.103	3.54	3.19	9
900:	3.11	.095	3.31	3.01	8
1000:	2.94	.089	3.12	2.86	8
1200:	2.62	.048	2.71	2.57	7
1500:	2.23	.036	2.27	2.17	6
2000:	1.79	----- N/A -----			1
2500:	1.51	----- N/A -----			1
3000:	1.36	----- N/A -----			1
3500:	1.29	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	262.6	10.47	274.1	249.8	11
10:	262.7	8.91	273.2	249.0	11
20:	262.1	8.69	272.9	248.7	11
30:	261.5	8.35	272.9	248.5	11
50:	260.6	8.32	272.9	248.0	11
75:	253.2	14.72	268.3	216.9	11
100:	220.2	22.75	262.6	190.5	11
125:	185.1	17.09	210.6	160.6	11
150:	159.4	13.18	178.5	139.5	11
175:	143.7	7.06	154.8	133.4	11
200:	136.4	5.16	142.6	129.3	11
225:	130.4	3.67	136.6	125.0	11
250:	126.0	3.23	132.3	120.4	11
300:	119.2	3.18	124.5	113.1	11
400:	107.8	2.97	111.3	102.0	10
500:	97.7	2.91	101.7	93.0	9
600:	89.7	2.25	93.1	86.1	9
700:	83.0	2.35	86.2	78.1	9
800:	76.9	1.91	79.4	73.3	9
900:	71.5	1.72	74.0	68.6	8
1000:	67.1	1.61	69.6	64.7	8
1200:	60.0	.94	61.5	59.0	7
1500:	51.0	1.39	52.3	48.4	6
2000:	41.9	----- N/A -----			1
2500:	36.5	----- N/A -----			1
3000:	33.7	----- N/A -----			1
3500:	32.3	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.26	.009	.27	.25	11
20:	.53	.018	.55	.50	11
30:	.79	.027	.82	.75	11
50:	1.31	.043	1.37	1.24	11
75:	1.96	.065	2.06	1.87	11
100:	2.56	.070	2.68	2.47	11
125:	3.07	.087	3.26	2.91	11
150:	3.50	.114	3.75	3.29	11
175:	3.88	.132	4.15	3.64	11
200:	4.24	.146	4.52	3.97	11
225:	4.58	.157	4.87	4.29	11
250:	4.91	.160	5.19	4.61	11
300:	5.54	.172	5.83	5.24	11
400:	6.68	.197	7.04	6.37	10
500:	7.74	.226	8.14	7.42	9
600:	8.72	.246	9.17	8.38	9
700:	9.64	.265	10.12	9.29	9
800:	10.50	.279	11.01	10.15	9
900:	11.30	.312	11.83	10.92	8
1000:	12.06	.328	12.62	11.65	8
1200:	13.48	.369	14.04	13.04	7
1500:	15.34	.380	15.90	14.92	6
2000:	18.01	----- N/A -----			1
2500:	20.43	----- N/A -----			1
3000:	22.71	----- N/A -----			1
3500:	24.96	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.01	.000	.01	.01	11
20:	.05	.005	.06	.05	11
30:	.12	.006	.13	.11	11
50:	.33	.010	.35	.32	11
75:	.75	.028	.79	.71	11
100:	1.28	.048	1.36	1.17	11
125:	1.86	.087	2.03	1.68	11
150:	2.47	.134	2.70	2.21	11
175:	3.10	.170	3.37	2.79	11
200:	3.78	.196	4.07	3.43	11
225:	4.52	.221	4.84	4.12	11
250:	5.31	.232	5.62	4.90	11
300:	7.07	.266	7.40	6.65	11
400:	11.19	.351	11.70	10.69	10
500:	16.04	.455	16.74	15.40	9
600:	21.55	.580	22.52	20.68	9
700:	27.65	.711	28.81	26.49	9
800:	34.20	.860	35.64	32.74	9
900:	41.17	1.065	42.78	39.41	8
1000:	48.55	1.228	50.42	46.54	8
1200:	64.44	1.487	66.27	62.05	7
1500:	90.31	1.439	91.77	87.93	6
2000:	139.05	----- N/A -----			1
2500:	194.45	----- N/A -----			1
3000:	258.21	----- N/A -----			1
3500:	332.82	----- N/A -----			1

JANUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1479	1.9	1482	1476	11
10:	1479	1.9	1482	1476	11
20:	1479	1.9	1482	1476	11
30:	1479	1.9	1482	1476	11
50:	1479	2.0	1483	1476	11
75:	1479	2.5	1483	1474	11
100:	1475	4.3	1483	1471	11
125:	1474	2.6	1478	1470	11
150:	1474	2.2	1478	1471	11
175:	1475	1.7	1478	1472	11
200:	1475	1.8	1477	1471	11
225:	1474	1.7	1477	1471	11
250:	1473	1.8	1476	1470	11
300:	1473	1.3	1475	1471	11
400:	1473	1.2	1474	1471	10
500:	1473	.7	1474	1472	9
600:	1474	.5	1475	1474	9
700:	1475	.5	1476	1475	9
800:	1476	.3	1477	1476	9
900:	1477	.4	1478	1477	8
1000:	1478	.4	1479	1478	8
1200:	1480	.4	1481	1480	7
1500:	1483	.4	1484	1483	6
2000:	1490	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.060	.3536	12.623	11.652	7
10:	11.793	.3519	12.352	11.397	7
20:	11.528	.3505	12.084	11.142	7
30:	11.262	.3501	11.817	10.886	7
50:	10.733	.3458	11.281	10.356	7
75:	10.080	.3267	10.612	9.743	7
100:	9.499	.2915	9.945	9.135	7
125:	9.000	.2617	9.359	8.633	7
150:	8.571	.2361	8.878	8.204	7
175:	8.193	.2212	8.473	7.826	7
200:	7.841	.2120	8.106	7.479	7
225:	7.508	.1994	7.753	7.165	7
250:	7.185	.1952	7.429	6.850	7
300:	6.563	.1789	6.794	6.263	7
400:	5.406	.1472	5.588	5.153	7
500:	4.340	.1152	4.487	4.143	7
600:	3.353	.0868	3.458	3.201	7
700:	2.432	.0622	2.507	2.324	7
800:	1.572	.0380	1.619	1.506	7
900:	.766	.0185	.790	.736	7
1000:	.000	.0000	.000	.000	7
1200:	-1.413	.0221	-1.383	-1.453	7
1500:	-3.308	.0349	-3.267	-3.348	6
2000:	-6.060	----- N/A -----			1
2500:	-8.478	----- N/A -----			1
3000:	-10.753	----- N/A -----			1
3500:	-13.005	----- N/A -----			1

FEBRUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.40	.791	7.80	5.29	9
10:	6.47	.847	7.80	5.27	9
20:	6.46	.848	7.80	5.27	9
30:	6.47	.857	7.81	5.25	9
50:	6.47	.858	7.81	5.25	9
75:	6.45	.855	7.80	5.24	9
100:	6.35	.840	7.77	5.23	9
125:	5.96	.550	6.60	5.18	9
150:	5.73	.548	6.30	4.81	9
175:	5.66	.617	6.35	4.63	9
200:	5.44	.575	6.09	4.47	9
225:	5.22	.530	5.94	4.37	9
250:	5.05	.470	5.77	4.38	9
300:	4.64	.298	5.02	4.20	9
400:	4.25	.286	4.71	3.89	9
500:	3.97	.228	4.31	3.67	9
600:	3.77	.157	3.98	3.53	9
700:	3.58	.142	3.80	3.40	9
800:	3.40	.124	3.65	3.24	9
900:	3.20	.135	3.39	3.09	9
1000:	3.04	.087	3.19	2.94	9
1200:	2.73	.059	2.82	2.67	9
1500:	2.37	.034	2.42	2.33	8
2000:	1.94	.017	1.96	1.93	3
2500:	1.73	.015	1.75	1.72	3
3000:	1.60	.010	1.61	1.59	3
3500:	1.50	.015	1.56	1.53	3

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.558	.0630	32.660	32.480	9
10:	32.549	.0533	32.640	32.480	9
20:	32.549	.0514	32.640	32.490	9
30:	32.549	.0514	32.640	32.490	9
50:	32.552	.0522	32.640	32.490	9
75:	32.553	.0517	32.640	32.497	9
100:	32.595	.0614	32.690	32.518	9
125:	33.043	.2238	33.280	32.585	9
150:	33.522	.1752	33.733	33.156	9
175:	33.728	.0984	33.815	33.510	9
200:	33.803	.0603	33.898	33.687	9
225:	33.837	.0471	33.882	33.741	9
250:	33.863	.0435	33.922	33.789	9
300:	33.898	.0235	33.937	33.868	9
400:	33.992	.0217	34.030	33.960	9
500:	34.084	.0220	34.129	34.058	9
600:	34.165	.0214	34.210	34.140	9
700:	34.236	.0156	34.260	34.216	9
800:	34.296	.0104	34.310	34.282	9
900:	34.339	.0119	34.361	34.326	9
1000:	34.380	.0151	34.410	34.359	9
1200:	34.439	.0142	34.465	34.415	9
1500:	34.510	.0177	34.549	34.493	8
2000:	34.586	.0163	34.597	34.576	3
2500:	34.628	.0111	34.634	34.615	3
3000:	34.657	.0140	34.667	34.641	3
3500:	34.673	.0071	34.679	34.666	3

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.596	.0973	25.716	25.457	9
10:	25.580	.0917	25.711	25.462	9
20:	25.581	.0901	25.713	25.472	9
30:	25.579	.0914	25.713	25.472	9
50:	25.583	.0911	25.713	25.471	9
75:	25.585	.0901	25.711	25.475	9
100:	25.632	.0797	25.740	25.518	9
125:	26.035	.1532	26.261	25.766	9
150:	26.440	.1096	26.597	26.251	9
175:	26.610	.0545	26.672	26.525	9
200:	26.697	.0373	26.735	26.635	9
225:	26.750	.0364	26.796	26.686	9
250:	26.791	.0340	26.828	26.726	9
300:	26.865	.0267	26.896	26.826	9
400:	26.981	.0312	27.016	26.924	9
500:	27.063	.0266	27.123	27.038	9
600:	27.168	.0171	27.201	27.140	9
700:	27.244	.0107	27.262	27.226	9
800:	27.309	.0125	27.321	27.280	9
900:	27.362	.0124	27.373	27.333	9
1000:	27.409	.0118	27.419	27.381	9
1200:	27.483	.0094	27.497	27.469	9
1500:	27.571	.0127	27.598	27.560	8
2000:	27.667	.0089	27.676	27.658	3
2500:	27.716	.0088	27.722	27.706	3
3000:	27.749	.0100	27.757	27.738	3
3500:	27.767	.0062	27.772	27.760	3

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	240.0	9.25	253.1	228.6	9
10:	241.6	8.77	252.9	229.1	9
20:	241.6	8.59	252.0	229.1	9
30:	241.9	8.73	252.2	229.2	9
50:	241.9	8.73	252.5	229.4	9
75:	241.9	8.71	252.6	229.7	9
100:	237.8	7.75	248.8	227.4	9
125:	199.7	14.52	225.6	178.1	9
150:	161.5	10.31	179.1	146.8	9
175:	145.7	5.22	154.0	139.9	9
200:	137.7	3.72	143.9	133.7	9
225:	132.9	3.67	139.3	128.0	9
250:	129.2	3.43	135.7	125.6	9
300:	122.5	2.73	126.3	119.4	9
400:	112.1	3.18	117.9	108.7	9
500:	103.0	2.72	107.7	99.2	9
600:	95.6	1.72	98.5	92.6	9
700:	89.0	1.16	91.1	87.3	9
800:	83.3	1.34	86.5	82.1	9
900:	78.6	1.31	81.7	77.4	9
1000:	74.5	1.20	77.5	73.7	9
1200:	68.0	.85	69.4	66.9	9
1500:	60.2	1.15	61.2	57.9	8
2000:	51.7	.85	52.6	50.9	3
2500:	47.9	.79	48.8	47.3	3
3000:	45.6	.83	46.5	44.9	3
3500:	45.0	.67	45.7	44.4	3

FEBRUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.40	.791	7.80	5.29	9
10:	6.47	.847	7.80	5.27	9
20:	6.46	.848	7.80	5.27	9
30:	6.47	.857	7.81	5.25	9
50:	6.47	.858	7.81	5.25	9
75:	6.44	.856	7.79	5.23	9
100:	6.34	.840	7.76	5.22	9
125:	5.95	.549	6.59	5.17	9
150:	5.72	.548	6.29	4.80	9
175:	5.65	.615	6.33	4.62	9
200:	5.42	.575	6.07	4.46	9
225:	5.20	.528	5.92	4.36	9
250:	5.03	.470	5.75	4.36	9
300:	4.62	.297	5.00	4.18	9
400:	4.22	.285	4.68	3.86	9
500:	3.93	.229	4.27	3.63	9
600:	3.73	.160	3.94	3.49	9
700:	3.53	.142	3.75	3.35	9
800:	3.34	.121	3.59	3.19	9
900:	3.14	.105	3.33	3.03	9
1000:	2.97	.087	3.12	2.87	9
1200:	2.65	.057	2.74	2.59	9
1500:	2.27	.035	2.32	2.23	8
2000:	1.80	.017	1.82	1.79	3
2500:	1.55	.015	1.57	1.54	3
3000:	1.38	.010	1.39	1.37	3
3500:	1.27	.015	1.29	1.26	3

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	240.0	9.25	253.1	228.6	9
10:	241.5	8.76	252.7	229.0	9
20:	241.3	8.55	251.7	228.9	9
30:	241.5	8.65	251.7	228.9	9
50:	241.2	8.65	251.8	228.8	9
75:	240.9	8.56	251.4	228.9	9
100:	236.5	7.57	247.2	226.2	9
125:	198.1	14.57	223.7	176.6	9
150:	159.6	10.39	177.6	144.8	9
175:	143.5	5.16	151.5	137.7	9
200:	135.2	3.52	141.1	131.7	9
225:	130.2	3.45	136.2	125.8	9
250:	126.3	3.20	132.4	122.8	9
300:	119.3	2.54	123.0	116.3	9
400:	108.2	2.94	113.5	104.8	9
500:	98.4	2.50	102.7	94.7	9
600:	90.3	1.63	93.0	87.2	9
700:	83.1	1.02	84.8	81.4	9
800:	76.9	1.15	79.6	75.8	9
900:	71.8	1.16	74.5	70.8	9
1000:	67.3	1.13	70.0	66.3	9
1200:	60.2	.87	61.5	58.9	9
1500:	51.7	1.23	52.8	49.1	8
2000:	42.4	.85	43.3	41.6	3
2500:	37.6	.78	38.5	37.1	3
3000:	34.2	1.00	35.3	33.4	3
3500:	32.2	.61	32.9	31.7	3

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.24	.008	.25	.23	9
20:	.48	.018	.51	.46	9
30:	.73	.027	.76	.69	9
50:	1.21	.041	1.26	1.15	9
75:	1.82	.063	1.89	1.73	9
100:	2.41	.069	2.53	2.29	9
125:	2.96	.082	3.08	2.84	9
150:	3.41	.080	3.53	3.30	9
175:	3.80	.089	3.92	3.68	9
200:	4.15	.098	4.29	4.02	9
225:	4.49	.106	4.64	4.35	9
250:	4.81	.115	4.98	4.66	9
300:	5.44	.121	5.64	5.28	9
400:	6.61	.142	6.85	6.44	9
500:	7.69	.167	7.98	7.49	9
600:	8.68	.187	9.01	8.47	9
700:	9.61	.198	9.95	9.38	9
800:	10.47	.205	10.82	10.23	9
900:	11.28	.209	11.63	11.04	9
1000:	12.04	.213	12.39	11.81	9
1200:	13.47	.218	13.81	13.23	9
1500:	15.36	.241	15.68	15.07	8
2000:	18.33	.190	18.52	18.14	3
2500:	20.80	.183	21.00	20.64	3
3000:	23.13	.163	23.32	23.02	3
3500:	25.39	.148	25.56	25.29	3

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.01	.000	.01	.01	9
20:	.05	.000	.05	.05	9
30:	.11	.004	.12	.11	9
50:	.31	.009	.32	.30	9
75:	.70	.023	.72	.66	9
100:	1.23	.044	1.29	1.17	9
125:	1.86	.044	1.92	1.80	9
150:	2.49	.066	2.56	2.38	9
175:	3.12	.093	3.25	2.97	9
200:	3.80	.108	3.95	3.63	9
225:	4.52	.121	4.71	4.36	9
250:	5.32	.139	5.54	5.15	9
300:	7.08	.171	7.36	6.92	9
400:	11.26	.239	11.65	11.00	9
500:	16.19	.358	16.83	15.81	9
600:	21.75	.480	22.63	21.20	9
700:	27.86	.555	28.83	27.14	9
800:	34.44	.638	35.49	33.55	9
900:	41.46	.686	42.49	40.51	9
1000:	48.86	.769	49.88	47.81	9
1200:	64.88	.878	66.33	63.81	9
1500:	91.07	1.273	93.08	88.93	8
2000:	142.31	1.006	142.98	141.15	3
2500:	198.96	.702	199.77	198.53	3
3000:	264.33	1.251	265.33	262.93	3
3500:	339.06	2.341	341.49	336.82	3

FEBRUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.69	-----	N/A	-----	1
10:	6.67	-----	N/A	-----	1
20:	6.67	-----	N/A	-----	1
30:	6.67	-----	N/A	-----	1
50:	6.70	-----	N/A	-----	1
75:	6.61	-----	N/A	-----	1
100:	6.59	-----	N/A	-----	1
125:	5.65	-----	N/A	-----	1
150:	4.99	-----	N/A	-----	1
175:	3.86	-----	N/A	-----	1
200:	3.57	-----	N/A	-----	1
225:	3.38	-----	N/A	-----	1
250:	3.20	-----	N/A	-----	1
300:	2.58	-----	N/A	-----	1
400:	1.57	-----	N/A	-----	1
500:	.82	-----	N/A	-----	1
600:	.66	-----	N/A	-----	1
700:	.52	-----	N/A	-----	1
800:	.47	-----	N/A	-----	1
900:	.48	-----	N/A	-----	1
1000:	.48	-----	N/A	-----	1
1200:	.48	-----	N/A	-----	1
1500:	.59	-----	N/A	-----	1
2000:	1.19	-----	N/A	-----	1
2500:	1.91	-----	N/A	-----	1
3000:	2.37	-----	N/A	-----	1
3500:		-----	N/A	-----	0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1473	3.2	1479	1469	9
10:	1473	3.4	1479	1469	9
20:	1473	3.4	1479	1469	9
30:	1474	3.7	1480	1469	9
50:	1474	3.3	1480	1470	9
75:	1474	3.4	1480	1470	9
100:	1475	3.5	1481	1470	9
125:	1474	2.2	1477	1471	9
150:	1474	2.3	1477	1471	9
175:	1474	2.5	1478	1471	9
200:	1474	2.5	1477	1470	9
225:	1474	2.2	1477	1470	9
250:	1473	2.0	1477	1471	9
300:	1473	1.4	1475	1471	9
400:	1473	1.1	1475	1472	9
500:	1473	1.0	1475	1472	9
600:	1474	.5	1475	1474	9
700:	1475	.5	1476	1475	9
800:	1476	.5	1477	1476	9
900:	1477	.4	1478	1477	9
1000:	1478	.4	1479	1478	9
1200:	1480	.5	1481	1480	9
1500:	1484	.0	1484	1484	8
2000:	1490	.6	1491	1490	3
2500:	1498	.0	1498	1498	3
3000:	1506	.0	1506	1506	3
3500:	1514	.0	1514	1514	3

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.041	.2139	12.392	11.806	9
10:	11.799	.2097	12.138	11.568	9
20:	11.557	.2053	11.887	11.325	9
30:	11.314	.2006	11.635	11.077	9
50:	10.829	.1916	11.130	10.586	9
75:	10.225	.1801	10.498	9.985	9
100:	9.629	.1727	9.875	9.387	9
125:	9.077	.1635	9.324	8.860	9
150:	8.626	.1522	8.861	8.439	9
175:	8.244	.1460	8.475	8.062	9
200:	7.891	.1385	8.106	7.707	9
225:	7.554	.1312	7.754	7.380	9
250:	7.227	.1230	7.411	7.064	9
300:	6.598	.1108	6.748	6.445	9
400:	5.427	.0896	5.557	5.302	9
500:	4.351	.0654	4.466	4.253	9
600:	3.358	.0473	3.460	3.292	9
700:	2.436	.0367	2.523	2.397	9
800:	1.575	.0254	1.637	1.554	9
900:	.764	.0136	.795	.748	9
1000:	.000	.0000	.000	.000	9
1200:	-1.428	.0178	-1.408	-1.468	9
1500:	-3.332	.0499	-3.251	-3.409	8
2000:	-6.195	.0261	-6.166	-6.216	3
2500:	-8.665	.0284	-8.634	-8.690	3
3000:	-10.997	.0608	-10.931	-11.051	3
3500:	-13.252	.0951	-13.160	-13.350	3

MARCH

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.93	.407	7.50	6.20	11
10:	6.93	.300	7.28	6.51	11
20:	6.91	.323	7.27	6.40	11
30:	6.90	.344	7.27	6.32	11
50:	6.90	.356	7.30	6.24	11
75:	6.86	.347	7.27	6.19	11
100:	6.69	.334	7.07	6.11	11
125:	6.48	.488	7.01	5.49	11
150:	6.38	.442	6.87	5.46	11
175:	6.27	.398	6.78	5.51	11
200:	6.08	.438	6.63	5.34	11
225:	5.76	.393	6.23	5.07	11
250:	5.48	.390	6.05	4.82	11
300:	5.03	.317	5.46	4.45	11
400:	4.42	.254	4.83	4.10	11
500:	4.11	.141	4.37	3.86	10
600:	3.88	.130	4.05	3.67	10
700:	3.66	.115	3.84	3.47	10
800:	3.43	.077	3.53	3.29	10
900:	3.23	.061	3.31	3.11	10
1000:	3.06	.054	3.15	2.96	10
1200:	2.77	.044	2.84	2.68	10
1500:	2.39	.051	2.48	2.34	7
2000:	1.94	.010	1.95	1.93	3
2500:	1.72	.007	1.73	1.72	2
3000:	1.60	.014	1.61	1.59	2
3500:	1.54	.007	1.55	1.54	2

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.603	.1067	32.782	32.480	11
10:	32.601	.0982	32.767	32.480	11
20:	32.599	.0958	32.764	32.480	11
30:	32.599	.0959	32.764	32.480	11
50:	32.600	.0956	32.769	32.490	11
75:	32.612	.0845	32.763	32.500	11
100:	32.722	.1195	32.984	32.592	11
125:	33.139	.2453	33.516	32.652	11
150:	33.554	.1243	33.731	33.384	11
175:	33.757	.1011	33.940	33.593	11
200:	33.844	.0628	33.960	33.740	11
225:	33.874	.0468	33.960	33.810	11
250:	33.889	.0404	33.967	33.841	11
300:	33.911	.0326	33.970	33.860	11
400:	33.987	.0263	34.015	33.930	11
500:	34.080	.0265	34.121	34.035	10
600:	34.162	.0214	34.201	34.133	10
700:	34.234	.0176	34.260	34.206	10
800:	34.284	.0240	34.325	34.242	10
900:	34.333	.0215	34.369	34.296	10
1000:	34.374	.0196	34.410	34.343	10
1200:	34.439	.0183	34.471	34.403	10
1500:	34.504	.0200	34.529	34.466	7
2000:	34.599	.0082	34.605	34.590	3
2500:	34.642	.0039	34.645	34.639	2
3000:	34.660	.0010	34.661	34.659	2
3500:	34.678	.0043	34.682	34.675	2

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.566	.1125	25.768	25.424	11
10:	25.564	.0979	25.676	25.423	11
20:	25.565	.0976	25.679	25.424	11
30:	25.566	.1000	25.679	25.424	11
50:	25.567	.1001	25.676	25.427	11
75:	25.582	.0866	25.684	25.439	11
100:	25.691	.1038	25.895	25.553	11
125:	26.044	.2264	26.343	25.646	11
150:	26.385	.1269	26.568	26.223	11
175:	26.558	.0978	26.686	26.363	11
200:	26.651	.0657	26.742	26.506	11
225:	26.715	.0488	26.779	26.606	11
250:	26.761	.0450	26.817	26.653	11
300:	26.832	.0358	26.872	26.741	11
400:	26.959	.0387	27.013	26.870	11
500:	27.066	.0312	27.125	27.014	10
600:	27.155	.0271	27.207	27.115	10
700:	27.233	.0230	27.273	27.193	10
800:	27.296	.0248	27.333	27.253	10
900:	27.354	.0207	27.389	27.324	10
1000:	27.403	.0187	27.434	27.379	10
1200:	27.481	.0163	27.507	27.450	10
1500:	27.565	.0188	27.589	27.530	7
2000:	27.678	.0061	27.683	27.671	3
2500:	27.728	.0024	27.730	27.726	2
3000:	27.752	.0000	27.752	27.752	2
3500:	27.770	.0050	27.774	27.767	2

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	242.8	10.71	256.4	223.6	11
10:	243.1	9.30	256.6	232.5	11
20:	243.2	9.26	256.6	232.3	11
30:	243.2	9.54	256.8	232.4	11
50:	243.4	9.52	256.7	233.0	11
75:	242.3	8.27	255.9	232.5	11
100:	232.2	9.88	245.4	212.9	11
125:	199.0	21.55	236.8	170.4	11
150:	167.0	12.12	182.5	149.4	11
175:	150.9	9.33	169.6	138.6	11
200:	142.4	6.35	156.3	133.4	11
225:	136.5	4.77	147.0	130.1	11
250:	132.3	4.43	142.8	126.6	11
300:	125.8	3.53	134.7	121.7	11
400:	114.3	3.86	123.1	108.9	11
500:	104.8	3.06	110.0	99.0	10
600:	97.0	2.70	100.9	91.8	10
700:	90.1	2.33	94.2	86.0	10
800:	84.6	2.37	88.7	80.9	10
900:	79.4	2.05	82.3	75.9	10
1000:	75.2	1.84	77.3	72.0	10
1200:	68.3	1.62	71.3	65.8	10
1500:	60.9	1.89	64.3	58.5	7
2000:	50.7	.51	51.3	50.3	3
2500:	46.8	.14	46.9	46.7	2
3000:	45.3	.00	45.3	45.3	2
3500:	44.6	.42	44.9	44.3	2

MARCH

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.93	.407	7.50	6.20	11
10:	6.93	.300	7.28	6.51	11
20:	6.91	.323	7.27	6.40	11
30:	6.90	.344	7.27	6.32	11
50:	6.90	.358	7.30	6.24	11
75:	6.85	.347	7.26	6.18	11
100:	6.68	.333	7.06	6.10	11
125:	6.47	.488	7.00	5.48	11
150:	6.37	.442	6.86	5.45	11
175:	6.26	.398	6.77	5.49	11
200:	6.07	.437	6.61	5.32	11
225:	5.74	.393	6.21	5.05	11
250:	5.46	.390	6.03	4.80	11
300:	5.01	.316	5.44	4.43	11
400:	4.39	.254	4.80	4.07	11
500:	4.07	.142	4.33	3.82	10
600:	3.83	.129	4.00	3.62	10
700:	3.61	.115	3.79	3.42	10
800:	3.37	.077	3.47	3.23	10
900:	3.17	.062	3.25	3.04	10
1000:	2.99	.054	3.08	2.89	10
1200:	2.68	.044	2.76	2.60	10
1500:	2.29	.049	2.37	2.24	7
2000:	1.80	.010	1.81	1.79	3
2500:	1.55	.014	1.56	1.54	2
3000:	1.38	.014	1.39	1.37	2
3500:	1.27	.007	1.28	1.27	2

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	242.8	10.71	256.4	223.6	11
10:	243.0	9.32	256.4	232.3	11
20:	242.9	9.25	256.3	232.0	11
30:	242.8	9.51	256.3	232.0	11
50:	242.7	9.50	255.9	232.3	11
75:	241.2	8.25	254.8	231.5	11
100:	230.9	9.85	244.0	211.5	11
125:	197.2	21.49	235.1	168.9	11
150:	164.9	12.04	180.2	147.5	11
175:	148.4	9.27	166.9	136.3	11
200:	139.6	6.22	153.3	131.0	11
225:	133.5	4.61	143.6	127.5	11
250:	129.2	4.25	139.3	123.8	11
300:	122.8	3.36	130.9	118.6	11
400:	110.3	3.66	118.7	105.2	11
500:	100.0	2.97	105.0	94.5	10
600:	91.6	2.56	95.3	86.6	10
700:	84.1	2.18	87.9	80.3	10
800:	78.1	2.29	82.1	74.6	10
900:	72.5	1.98	75.4	69.2	10
1000:	67.9	1.76	70.1	64.9	10
1200:	60.4	1.58	63.4	57.9	10
1500:	52.3	1.79	55.6	50.0	7
2000:	41.4	.59	42.1	41.0	3
2500:	36.4	.21	36.6	36.3	2
3000:	33.9	.00	33.9	33.9	2
3500:	31.8	.42	32.1	31.5	2

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.24	.010	.26	.23	11
20:	.49	.019	.51	.46	11
30:	.73	.030	.77	.69	11
50:	1.22	.048	1.28	1.16	11
75:	1.83	.071	1.92	1.74	11
100:	2.42	.084	2.54	2.32	11
125:	2.96	.112	3.13	2.79	11
150:	3.42	.147	3.64	3.21	11
175:	3.81	.170	4.06	3.59	11
200:	4.18	.183	4.43	3.96	11
225:	4.53	.197	4.80	4.31	11
250:	4.87	.201	5.16	4.64	11
300:	5.51	.215	5.86	5.26	11
400:	6.71	.242	7.14	6.43	11
500:	7.83	.264	8.31	7.47	10
600:	8.84	.281	9.35	8.42	10
700:	9.77	.295	10.32	9.31	10
800:	10.65	.314	11.24	10.14	10
900:	11.47	.329	12.09	10.93	10
1000:	12.24	.344	12.89	11.67	10
1200:	13.67	.369	14.37	13.04	10
1500:	15.64	.472	16.40	14.90	7
2000:	18.27	.169	18.41	18.08	3
2500:	20.66	.255	20.84	20.48	2
3000:	22.96	.255	23.14	22.78	2
3500:	25.20	.262	25.39	25.02	2

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.01	.000	.01	.01	11
20:	.05	.000	.05	.05	11
30:	.11	.005	.12	.11	11
50:	.31	.012	.33	.30	11
75:	.70	.026	.73	.67	11
100:	1.23	.041	1.29	1.18	11
125:	1.85	.077	1.97	1.73	11
150:	2.49	.133	2.67	2.31	11
175:	3.14	.174	3.37	2.92	11
200:	3.84	.203	4.12	3.57	11
225:	4.60	.225	4.94	4.28	11
250:	5.41	.248	5.81	5.06	11
300:	7.22	.296	7.76	6.80	11
400:	11.50	.408	12.33	10.96	11
500:	16.57	.537	17.69	15.72	10
600:	22.21	.666	23.52	21.05	10
700:	28.40	.803	29.93	26.95	10
800:	35.07	.986	36.96	33.30	10
900:	42.17	1.155	44.34	40.11	10
1000:	49.64	1.324	52.04	47.26	10
1200:	65.65	1.696	68.69	62.64	10
1500:	92.62	2.533	96.49	88.30	7
2000:	141.57	1.959	143.68	139.81	3
2500:	197.25	3.154	199.48	195.02	2
3000:	261.64	3.069	263.81	259.47	2
3500:	336.09	3.387	338.49	333.70	2

MARCH

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.93	.035	6.96	6.91	2
10:	6.92	.042	6.95	6.89	2
20:	6.98	.120	7.07	6.90	2
30:	6.99	.134	7.09	6.90	2
50:	6.93	.057	6.97	6.89	2
75:	6.97	.148	7.08	6.87	2
100:	6.44	.382	6.71	6.17	2
125:	4.77	1.160	5.59	3.95	2
150:	3.52	.693	4.01	3.03	2
175:	3.21	.488	3.56	2.87	2
200:	3.17	.424	3.47	2.87	2
225:	3.17	.389	3.45	2.90	2
250:	3.13	.255	3.31	2.95	2
300:	2.73	.035	2.76	2.71	2
400:	1.79	.226	1.95	1.63	2
500:	1.11	.304	1.33	.90	2
600:	.84	.226	1.00	.68	2
700:	.61	.170	.73	.49	2
800:	.52	.156	.63	.41	2
900:	.53	.191	.67	.40	2
1000:	.54	.219	.70	.39	2
1200:	.67	.354	.92	.42	2
1500:	.89	.269	1.08	.70	2
2000:	1.35	.064	1.40	1.31	2
2500:	2.10	.269	2.29	1.91	2
3000:	2.70	.325	2.93	2.47	2
3500:	3.04	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1475	1.6	1478	1473	11
10:	1475	1.2	1477	1474	11
20:	1475	1.3	1477	1474	11
30:	1476	1.4	1478	1474	11
50:	1476	1.4	1478	1474	11
75:	1476	1.4	1478	1474	11
100:	1476	1.6	1478	1474	11
125:	1476	1.8	1478	1473	11
150:	1476	1.7	1479	1474	11
175:	1477	1.5	1479	1474	11
200:	1477	1.8	1479	1474	11
225:	1476	1.6	1478	1473	11
250:	1475	1.6	1478	1473	11
300:	1474	1.3	1476	1472	11
400:	1473	1.0	1475	1472	11
500:	1474	.6	1475	1473	10
600:	1475	.6	1476	1474	10
700:	1475	.6	1477	1475	10
800:	1476	.5	1477	1476	10
900:	1477	.5	1478	1477	10
1000:	1478	.5	1479	1478	10
1200:	1480	.5	1481	1480	10
1500:	1484	.0	1484	1484	7
2000:	1490	.6	1491	1490	3
2500:	1498	.0	1498	1498	2
3000:	1506	.0	1506	1506	2
3500:	1514	.0	1514	1514	2

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.238	.3427	12.887	11.666	10
10:	11.994	.3387	12.634	11.422	10
20:	11.750	.3344	12.381	11.179	10
30:	11.506	.3305	12.128	10.936	10
50:	11.018	.3224	11.620	10.449	10
75:	10.408	.3121	10.979	9.840	10
100:	9.809	.3017	10.357	9.265	10
125:	9.266	.2810	9.796	8.778	10
150:	8.805	.2550	9.304	8.376	10
175:	8.408	.2347	8.868	8.017	10
200:	8.040	.2175	8.462	7.677	10
225:	7.691	.2046	8.083	7.348	10
250:	7.354	.1939	7.722	7.027	10
300:	6.707	.1766	7.029	6.404	10
400:	5.502	.1476	5.744	5.237	10
500:	4.405	.1133	4.574	4.198	10
600:	3.399	.0870	3.535	3.246	10
700:	2.464	.0644	2.566	2.356	10
800:	1.591	.0403	1.648	1.525	10
900:	.772	.0186	.795	.739	10
1000:	.000	.0000	.000	.000	10
1200:	-1.427	.0380	-1.371	-1.485	10
1500:	-3.370	.0887	-3.237	-3.507	7
2000:	-6.122	.0991	-6.020	-6.218	3
2500:	-8.540	.1584	-8.428	-8.652	2
3000:	-10.837	.1549	-10.728	-10.947	2
3500:	-13.084	.1648	-12.968	-13.201	2

APRIL

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.49	.690	7.70	5.50	15
10:	6.37	.601	7.30	5.50	15
20:	6.33	.590	7.28	5.50	15
30:	6.30	.593	7.30	5.50	15
50:	6.22	.590	7.32	5.50	15
75:	6.14	.653	7.21	5.28	15
100:	6.01	.599	7.00	5.19	15
125:	5.93	.580	6.94	5.10	15
150:	5.88	.603	6.95	5.05	14
175:	5.75	.565	6.63	4.94	14
200:	5.52	.544	6.50	4.77	14
225:	5.27	.541	6.34	4.53	14
250:	5.03	.540	6.18	4.44	14
300:	4.68	.528	5.85	4.20	14
400:	4.24	.387	5.14	3.71	13
500:	4.02	.252	4.48	3.70	11
600:	3.82	.176	4.11	3.53	11
700:	3.60	.137	3.84	3.40	10
800:	3.41	.109	3.60	3.19	10
900:	3.23	.084	3.38	3.07	10
1000:	3.06	.075	3.17	2.92	10
1200:	2.74	.053	2.82	2.64	10
1500:	2.38	.035	2.42	2.32	9
2000:	1.95	.018	1.97	1.92	6
2500:	1.74	.021	1.76	1.71	4
3000:	1.62	.019	1.65	1.61	4
3500:	1.56	.010	1.58	1.56	4

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.619	.0618	32.762	32.546	15
10:	32.609	.0712	32.721	32.488	15
20:	32.606	.0737	32.722	32.487	15
30:	32.605	.0745	32.722	32.485	15
50:	32.607	.0747	32.725	32.487	15
75:	32.612	.0749	32.757	32.490	15
100:	32.712	.1568	33.057	32.512	15
125:	33.087	.2866	33.623	32.673	15
150:	33.534	.2329	33.721	32.813	14
175:	33.720	.1295	33.830	33.381	14
200:	33.792	.0677	33.852	33.591	14
225:	33.826	.0499	33.881	33.694	14
250:	33.851	.0395	33.903	33.788	14
300:	33.898	.0346	33.944	33.811	14
400:	33.993	.0256	34.038	33.943	13
500:	34.081	.0186	34.124	34.052	11
600:	34.165	.0206	34.201	34.132	11
700:	34.230	.0216	34.264	34.200	10
800:	34.291	.0221	34.322	34.258	10
900:	34.335	.0156	34.357	34.307	10
1000:	34.375	.0132	34.390	34.350	10
1200:	34.439	.0126	34.456	34.420	10
1500:	34.508	.0137	34.526	34.487	9
2000:	34.590	.0118	34.607	34.572	6
2500:	34.629	.0134	34.642	34.611	4
3000:	34.650	.0139	34.661	34.630	4
3500:	34.667	.0100	34.674	34.652	4

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.634	.1074	25.829	25.458	15
10:	25.641	.1078	25.829	25.426	15
20:	25.644	.1061	25.829	25.427	15
30:	25.647	.1064	25.829	25.424	15
50:	25.659	.1039	25.829	25.423	15
75:	25.672	.1089	25.855	25.440	15
100:	25.767	.1534	26.013	25.486	15
125:	26.072	.2161	26.400	25.627	15
150:	26.431	.2183	26.600	25.728	14
175:	26.594	.1227	26.711	26.234	14
200:	26.678	.0819	26.766	26.459	14
225:	26.736	.0646	26.808	26.588	14
250:	26.782	.0505	26.844	26.686	14
300:	26.859	.0483	26.916	26.757	14
400:	26.983	.0433	27.026	26.886	13
500:	27.077	.0320	27.110	27.015	11
600:	27.164	.0259	27.189	27.110	11
700:	27.237	.0239	27.273	27.190	10
800:	27.303	.0223	27.332	27.259	10
900:	27.356	.0160	27.375	27.320	10
1000:	27.403	.0145	27.419	27.373	10
1200:	27.483	.0127	27.499	27.463	10
1500:	27.569	.0119	27.584	27.551	9
2000:	27.670	.0096	27.683	27.655	6
2500:	27.716	.0105	27.725	27.702	4
3000:	27.742	.0101	27.749	27.727	4
3500:	27.760	.0077	27.765	27.749	4

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	236.3	10.21	253.1	217.8	15
10:	235.8	10.27	256.3	217.9	15
20:	235.6	10.11	256.3	218.0	15
30:	235.5	10.14	256.7	218.1	15
50:	234.6	9.93	257.1	218.3	15
75:	233.6	10.43	255.8	216.1	15
100:	224.8	14.63	251.8	201.5	15
125:	196.1	20.69	238.7	165.0	15
150:	162.4	20.78	229.4	146.3	14
175:	147.3	11.74	181.7	136.0	14
200:	139.5	7.94	160.5	130.9	14
225:	134.2	6.33	148.4	127.1	14
250:	130.0	5.03	139.7	123.9	14
300:	123.0	4.91	133.4	117.5	14
400:	111.9	4.39	121.9	107.8	13
500:	103.7	3.27	109.9	100.2	11
600:	96.1	2.66	101.5	93.5	11
700:	89.6	2.43	94.5	86.1	10
800:	83.9	2.22	88.4	81.1	10
900:	79.3	1.64	83.0	77.4	10
1000:	75.1	1.48	78.2	73.5	10
1200:	68.0	1.28	70.1	66.2	10
1500:	60.4	1.14	62.1	59.1	9
2000:	51.5	.91	52.9	50.3	6
2500:	47.9	.97	49.2	47.1	4
3000:	46.4	.80	47.6	45.9	4
3500:	45.6	.64	46.6	45.2	4

APRIL

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.49	.690	7.70	5.50	15
10:	6.37	.601	7.30	5.50	15
20:	6.33	.590	7.28	5.50	15
30:	6.30	.591	7.29	5.50	15
50:	6.22	.589	7.31	5.50	15
75:	6.14	.652	7.20	5.27	15
100:	6.00	.599	6.99	5.18	15
125:	5.92	.578	6.93	5.09	15
150:	5.87	.603	6.94	5.04	14
175:	5.73	.561	6.61	4.93	14
200:	5.50	.543	6.48	4.75	14
225:	5.25	.541	6.32	4.51	14
250:	5.01	.540	6.16	4.42	14
300:	4.66	.526	5.82	4.18	14
400:	4.21	.386	5.11	3.69	13
500:	3.98	.252	4.44	3.66	11
600:	3.78	.173	4.06	3.49	11
700:	3.55	.137	3.79	3.35	10
800:	3.36	.108	3.54	3.14	10
900:	3.17	.082	3.31	3.01	10
1000:	2.99	.075	3.10	2.85	10
1200:	2.66	.056	2.74	2.55	10
1500:	2.27	.037	2.32	2.21	9
2000:	1.81	.018	1.83	1.78	6
2500:	1.56	.022	1.58	1.53	4
3000:	1.40	.015	1.42	1.39	4
3500:	1.29	.008	1.30	1.28	4

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	236.3	10.21	253.1	217.8	15
10:	235.6	10.25	256.1	217.8	15
20:	235.4	10.09	256.0	217.8	15
30:	235.1	10.12	256.3	217.8	15
50:	233.9	9.89	256.4	217.8	15
75:	232.7	10.33	254.7	215.3	15
100:	223.6	14.60	250.4	200.2	15
125:	194.6	20.72	236.9	163.5	15
150:	160.5	20.71	227.2	144.5	14
175:	145.0	11.64	179.2	133.9	14
200:	137.0	7.76	157.8	128.7	14
225:	131.5	6.12	145.6	124.7	14
250:	127.1	4.78	136.2	121.3	14
300:	119.8	4.57	129.5	114.4	14
400:	108.0	4.07	117.1	103.9	13
500:	99.1	3.01	104.8	95.9	11
600:	90.8	2.45	95.8	88.4	11
700:	83.7	2.28	88.2	80.3	10
800:	77.4	2.10	81.6	74.7	10
900:	72.4	1.52	75.8	70.5	10
1000:	67.8	1.35	70.7	66.4	10
1200:	60.2	1.18	62.1	58.7	10
1500:	51.9	1.10	53.6	50.6	9
2000:	42.2	.91	43.6	40.9	6
2500:	37.5	.99	38.9	36.7	4
3000:	34.9	.96	36.3	34.2	4
3500:	32.8	.74	33.9	32.3	4

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.24	.012	.26	.22	15
20:	.47	.020	.51	.44	15
30:	.71	.032	.77	.65	15
50:	1.18	.051	1.28	1.09	15
75:	1.77	.074	1.92	1.64	15
100:	2.34	.100	2.56	2.17	15
125:	2.87	.131	3.17	2.71	15
150:	3.32	.167	3.65	3.12	14
175:	3.71	.197	4.16	3.50	14
200:	4.06	.219	4.58	3.81	14
225:	4.41	.231	4.97	4.14	14
250:	4.74	.244	5.33	4.43	14
300:	5.37	.251	5.97	5.07	14
400:	6.55	.289	7.15	6.15	13
500:	7.58	.336	8.24	7.09	11
600:	8.58	.349	9.23	8.09	11
700:	9.53	.380	10.16	8.99	10
800:	10.40	.396	11.02	9.82	10
900:	11.21	.408	11.85	10.63	10
1000:	11.98	.418	12.65	11.39	10
1200:	13.41	.431	14.13	12.84	10
1500:	15.26	.424	16.09	14.69	9
2000:	18.21	.401	18.92	17.79	6
2500:	20.46	.161	20.64	20.28	4
3000:	22.80	.193	23.05	22.61	4
3500:	25.10	.224	25.40	24.89	4

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.01	.000	.01	.01	15
20:	.05	.004	.05	.04	15
30:	.11	.005	.12	.10	15
50:	.30	.014	.33	.28	15
75:	.68	.031	.74	.63	15
100:	1.19	.051	1.30	1.11	15
125:	1.79	.093	2.00	1.68	15
150:	2.42	.158	2.78	2.24	14
175:	3.06	.209	3.62	2.85	14
200:	3.74	.254	4.43	3.46	14
225:	4.48	.283	5.27	4.19	14
250:	5.27	.314	6.13	4.89	14
300:	7.05	.344	7.95	6.68	14
400:	11.24	.484	12.16	10.55	13
500:	16.11	.734	17.23	14.88	11
600:	21.71	.847	23.15	20.44	11
700:	27.92	1.011	29.63	26.45	10
800:	34.52	1.180	36.61	32.80	10
900:	41.60	1.314	44.03	39.78	10
1000:	49.06	1.436	51.82	47.17	10
1200:	65.10	1.646	68.43	63.42	10
1500:	91.30	2.194	95.35	88.83	9
2000:	141.71	2.522	145.59	138.98	6
2500:	197.30	2.592	201.11	195.38	4
3000:	263.00	3.810	268.65	260.30	4
3500:	339.10	5.026	346.59	335.79	4

APRIL

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1473	2.7	1479	1470	15
10:	1473	2.3	1477	1470	15
20:	1473	2.4	1477	1470	15
30:	1473	2.2	1477	1471	15
50:	1473	2.3	1478	1471	15
75:	1473	2.7	1478	1470	15
100:	1473	2.5	1478	1470	15
125:	1474	2.5	1479	1470	15
150:	1475	2.3	1479	1471	14
175:	1475	2.3	1479	1472	14
200:	1475	2.3	1479	1472	14
225:	1474	2.3	1479	1471	14
250:	1473	2.3	1478	1471	14
300:	1473	2.1	1478	1471	14
400:	1473	1.6	1477	1471	13
500:	1473	1.1	1476	1472	11
600:	1474	.8	1476	1474	11
700:	1475	.7	1477	1475	10
800:	1476	.5	1477	1476	10
900:	1477	.5	1478	1477	10
1000:	1478	.5	1479	1478	10
1200:	1480	.5	1481	1480	10
1500:	1484	.0	1484	1484	9
2000:	1490	.5	1491	1490	6
2500:	1498	.0	1498	1498	4
3000:	1506	.0	1506	1506	4
3500:	1514	.0	1514	1514	4

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.984	.4181	12.650	11.394	10
10:	11.748	.4110	12.406	11.167	10
20:	11.512	.4044	12.162	10.941	10
30:	11.276	.3968	11.913	10.715	10
50:	10.806	.3830	11.419	10.263	10
75:	10.217	.3660	10.801	9.687	10
100:	9.653	.3505	10.204	9.142	10
125:	9.131	.3294	9.647	8.677	10
150:	8.685	.3022	9.188	8.274	10
175:	8.295	.2850	8.796	7.891	10
200:	7.938	.2643	8.422	7.588	10
225:	7.592	.2516	8.059	7.253	10
250:	7.262	.2350	7.708	6.962	10
300:	6.623	.2161	7.032	6.324	10
400:	5.453	.1558	5.761	5.248	10
500:	4.384	.1070	4.608	4.254	10
600:	3.381	.0818	3.553	3.277	10
700:	2.452	.0571	2.575	2.380	10
800:	1.587	.0339	1.661	1.547	10
900:	.771	.0151	.805	.754	10
1000:	.000	.0000	.000	.000	10
1200:	-1.430	.0286	-1.391	-1.482	10
1500:	-3.342	.0682	-3.259	-3.440	9
2000:	-6.152	.0941	-6.072	-6.276	6
2500:	-8.604	.1323	-8.493	-8.796	4
3000:	-10.947	.1765	-10.808	-11.205	4
3500:	-13.243	.2124	-13.087	-13.557	4

MAY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.09	.847	9.90	6.33	24
10:	7.85	.788	9.78	6.25	24
20:	7.64	.747	9.08	5.98	24
30:	7.49	.757	8.81	5.63	24
50:	7.01	.752	8.36	5.38	24
75:	6.54	.726	7.76	5.20	24
100:	6.16	.676	7.33	4.97	24
125:	5.92	.578	7.18	4.97	24
150:	5.88	.638	7.34	4.75	24
175:	5.71	.665	7.27	4.70	24
200:	5.46	.648	7.01	4.45	24
225:	5.22	.592	6.76	4.23	24
250:	5.01	.574	6.56	4.04	24
300:	4.62	.470	6.02	3.80	24
400:	4.19	.291	5.01	3.66	23
500:	4.00	.217	4.49	3.66	22
600:	3.78	.143	4.06	3.51	22
700:	3.58	.123	3.81	3.36	21
800:	3.40	.111	3.61	3.20	21
900:	3.22	.096	3.40	3.02	21
1000:	3.04	.085	3.21	2.86	21
1200:	2.73	.065	2.84	2.61	21
1500:	2.36	.047	2.43	2.26	17
2000:	1.95	.025	2.00	1.91	9
2500:	1.72	.008	1.73	1.71	6
3000:	1.59	.000	1.59	1.59	6
3500:	1.56	.009	1.58	1.56	5

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.589	.0719	32.715	32.470	24
10:	32.579	.0736	32.720	32.470	24
20:	32.585	.0805	32.726	32.470	24
30:	32.590	.0836	32.738	32.470	24
50:	32.603	.0858	32.754	32.480	24
75:	32.627	.0837	32.765	32.480	24
100:	32.782	.1809	33.312	32.545	24
125:	33.178	.2399	33.580	32.689	24
150:	33.577	.1772	33.804	33.140	24
175:	33.741	.1066	33.870	33.370	24
200:	33.812	.0567	33.881	33.660	24
225:	33.842	.0397	33.900	33.777	24
250:	33.865	.0328	33.910	33.801	24
300:	33.904	.0311	33.968	33.840	24
400:	34.004	.0334	34.086	33.949	23
500:	34.091	.0299	34.162	34.030	22
600:	34.174	.0261	34.233	34.126	22
700:	34.241	.0203	34.296	34.209	21
800:	34.298	.0197	34.347	34.266	21
900:	34.341	.0175	34.378	34.306	21
1000:	34.379	.0180	34.416	34.342	21
1200:	34.440	.0182	34.476	34.410	21
1500:	34.510	.0189	34.540	34.478	17
2000:	34.590	.0075	34.603	34.578	9
2500:	34.629	.0082	34.639	34.616	6
3000:	34.654	.0094	34.667	34.639	6
3500:	34.669	.0078	34.679	34.662	5

STGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.396	.1269	25.712	25.103	24
10:	25.417	.1273	25.722	25.068	24
20:	25.451	.1279	25.756	25.234	24
30:	25.477	.1307	25.807	25.282	24
50:	25.553	.1315	25.853	25.332	24
75:	25.633	.1230	25.873	25.389	24
100:	25.803	.1671	26.189	25.471	24
125:	26.145	.2196	26.490	25.600	24
150:	26.464	.1876	26.677	25.932	24
175:	26.614	.1384	26.778	26.122	24
200:	26.701	.0893	26.816	26.385	24
225:	26.754	.0715	26.863	26.516	24
250:	26.796	.0641	26.907	26.587	24
300:	26.872	.0500	26.975	26.728	24
400:	26.997	.0415	27.097	26.889	23
500:	27.087	.0396	27.175	26.987	22
600:	27.174	.0310	27.237	27.107	22
700:	27.248	.0264	27.309	27.199	21
800:	27.310	.0237	27.362	27.268	21
900:	27.362	.0190	27.399	27.326	21
1000:	27.409	.0183	27.442	27.374	21
1200:	27.485	.0169	27.514	27.455	21
1500:	27.572	.0164	27.596	27.542	17
2000:	27.669	.0071	27.682	27.659	9
2500:	27.718	.0063	27.726	27.708	6
3000:	27.748	.0075	27.759	27.736	6
3500:	27.762	.0065	27.770	27.755	5

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	259.0	12.08	286.9	228.9	24
10:	257.2	12.14	290.4	228.1	24
20:	254.0	12.19	274.7	225.0	24
30:	251.7	12.46	270.3	220.3	24
50:	248.8	12.55	265.8	216.1	24
75:	237.3	11.80	260.8	214.4	24
100:	221.4	15.93	253.3	184.9	24
125:	189.3	20.91	241.3	156.5	24
150:	159.3	17.93	210.3	138.9	24
175:	145.4	13.31	192.6	129.6	24
200:	137.4	8.69	167.9	126.2	24
225:	132.5	7.03	155.8	121.8	24
250:	128.6	6.36	149.3	117.8	24
300:	121.8	5.03	136.4	111.7	24
400:	110.6	4.13	121.5	100.8	23
500:	102.7	3.94	112.7	94.0	22
600:	95.1	3.07	101.7	89.0	22
700:	88.6	2.67	93.6	82.6	21
800:	83.2	2.39	87.5	78.1	21
900:	78.7	1.94	82.3	75.0	21
1000:	74.5	1.85	77.9	71.4	21
1200:	67.8	1.67	70.9	65.1	21
1500:	60.1	1.56	63.0	57.9	17
2000:	51.6	.74	52.8	50.2	9
2500:	47.6	.56	48.5	46.9	6
3000:	45.6	.67	46.7	44.7	6
3500:	45.6	.62	46.3	44.8	5

MAY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.08	.847	9.90	6.33	24
10:	7.85	.788	9.78	6.25	24
20:	7.68	.748	9.08	5.98	24
30:	7.49	.758	8.81	5.62	24
50:	7.01	.753	8.35	5.38	24
75:	6.53	.724	7.75	5.19	24
100:	6.15	.676	7.32	4.96	24
125:	5.91	.578	7.17	4.96	24
150:	5.87	.637	7.33	4.74	24
175:	5.70	.662	7.25	4.68	24
200:	5.45	.642	6.99	4.43	24
225:	5.20	.591	6.74	4.21	24
250:	4.99	.574	6.54	4.02	24
300:	4.59	.468	5.99	3.78	24
400:	4.16	.291	4.98	3.64	23
500:	3.96	.215	4.45	3.62	22
600:	3.74	.143	4.02	3.47	22
700:	3.51	.123	3.76	3.31	21
800:	3.35	.111	3.55	3.15	21
900:	3.15	.093	3.34	2.96	21
1000:	2.97	.085	3.14	2.79	21
1200:	2.65	.065	2.76	2.53	21
1500:	2.26	.045	2.32	2.16	17
2000:	1.81	.022	1.86	1.78	9
2500:	1.54	.009	1.55	1.53	6
3000:	1.37	.004	1.37	1.36	6
3500:	1.29	.009	1.31	1.29	5

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	259.0	12.08	286.9	228.9	24
10:	257.0	12.12	290.2	227.9	24
20:	253.7	12.16	274.3	224.7	24
30:	251.3	12.42	269.8	219.9	24
50:	248.0	12.50	265.0	215.5	24
75:	236.3	11.69	259.6	213.6	24
100:	220.2	15.87	251.8	183.5	24
125:	187.7	20.65	239.4	154.9	24
150:	157.3	17.79	207.9	137.2	24
175:	143.1	13.12	189.8	127.6	24
200:	134.9	8.46	164.8	124.0	24
225:	129.8	6.75	152.3	119.5	24
250:	125.8	6.06	145.6	115.3	24
300:	118.6	4.74	132.2	108.8	24
400:	106.7	3.93	116.9	97.2	23
500:	98.1	3.75	107.5	89.7	22
600:	89.8	2.92	96.0	83.8	22
700:	82.8	2.48	87.3	77.0	21
800:	76.8	2.24	80.7	71.8	21
900:	71.8	1.80	75.3	68.3	21
1000:	67.3	1.71	70.6	64.2	21
1200:	60.0	1.59	62.8	57.2	21
1500:	51.7	1.58	54.5	49.4	17
2000:	42.2	.69	43.2	41.0	9
2500:	37.3	.59	38.3	36.6	6
3000:	34.3	.73	35.5	33.3	6
3500:	32.7	.60	33.3	31.9	5

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	24
10:	.26	.013	.29	.23	24
20:	.51	.025	.58	.46	24
30:	.77	.036	.85	.68	24
50:	1.27	.061	1.39	1.12	24
75:	1.87	.089	2.06	1.66	24
100:	2.49	.110	2.64	2.20	24
125:	2.96	.135	3.25	2.68	24
150:	3.39	.169	3.81	3.07	24
175:	3.77	.203	4.31	3.41	24
200:	4.12	.227	4.76	3.72	24
225:	4.46	.245	5.17	4.04	24
250:	4.78	.261	5.55	4.33	24
300:	5.41	.287	6.26	4.91	24
400:	6.55	.323	7.56	5.97	23
500:	7.62	.354	8.65	6.96	22
600:	8.61	.387	9.72	7.87	22
700:	9.53	.420	10.69	8.73	21
800:	10.39	.443	11.59	9.53	21
900:	11.20	.462	12.44	10.29	21
1000:	11.97	.479	13.23	11.02	21
1200:	13.39	.512	14.71	12.39	21
1500:	15.24	.497	16.23	14.22	17
2000:	18.22	.471	19.10	17.36	9
2500:	20.64	.597	21.58	19.81	6
3000:	22.96	.603	23.87	22.08	6
3500:	25.04	.477	25.46	24.30	5

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	24
10:	.01	.002	.02	.01	24
20:	.05	.003	.06	.05	24
30:	.12	.006	.13	.10	24
50:	.32	.016	.35	.28	24
75:	.71	.034	.78	.63	24
100:	1.22	.055	1.33	1.10	24
125:	1.80	.093	2.04	1.64	24
150:	2.41	.153	2.83	2.18	24
175:	3.04	.214	3.66	2.74	24
200:	3.72	.264	4.52	3.35	24
225:	4.44	.302	5.39	4.03	24
250:	5.23	.339	6.31	4.75	24
300:	6.99	.416	8.31	6.35	24
400:	11.09	.569	12.96	10.14	23
500:	15.98	.697	17.94	14.68	22
600:	21.51	.895	23.99	19.79	22
700:	27.62	1.087	30.42	25.47	21
800:	34.18	1.263	37.27	31.59	21
900:	41.19	1.445	44.65	38.21	21
1000:	48.60	1.606	52.30	45.31	21
1200:	64.51	2.000	68.86	60.57	21
1500:	90.57	2.480	95.25	85.80	17
2000:	141.25	2.795	146.35	136.60	9
2500:	197.77	3.721	203.29	192.60	6
3000:	262.69	3.984	267.49	256.43	6
3500:	336.91	4.501	342.10	330.06	5

MAY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.97	.120	7.06	6.89	2
10:	7.10	.042	7.13	7.07	2
20:	7.07	.014	7.08	7.06	2
30:	7.23	.262	7.42	7.05	2
50:	7.16	.163	7.28	7.05	2
75:	7.18	.191	7.32	7.05	2
100:	6.92	.382	7.19	6.65	2
125:	6.23	1.089	7.00	5.46	2
150:	5.26	1.103	6.04	4.48	2
175:	4.32	1.584	5.44	3.20	2
200:	4.09	1.266	4.99	3.20	2
225:	3.90	1.117	4.69	3.11	2
250:	3.72	.983	4.42	3.03	2
300:	2.12	-----	N/A	-----	1
400:	1.65	-----	N/A	-----	1
500:	1.05	-----	N/A	-----	1
600:	.66	-----	N/A	-----	1
700:	.49	-----	N/A	-----	1
800:	.41	-----	N/A	-----	1
900:	.38	-----	N/A	-----	1
1000:	.35	-----	N/A	-----	1
1200:	.46	-----	N/A	-----	1
1500:	.75	-----	N/A	-----	1
2000:	1.53	-----	N/A	-----	1
2500:	2.01	-----	N/A	-----	1
3000:	2.50	-----	N/A	-----	1
3500:	3.00	-----	N/A	-----	1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1479	3.4	1487	1473	24
10:	1479	3.1	1487	1473	24
20:	1478	2.9	1484	1472	24
30:	1478	2.9	1484	1471	24
50:	1476	3.0	1482	1470	24
75:	1475	2.9	1480	1470	24
100:	1474	2.8	1479	1469	24
125:	1474	2.4	1479	1470	24
150:	1475	2.3	1480	1471	24
175:	1475	2.7	1481	1471	24
200:	1474	2.7	1481	1470	24
225:	1474	2.4	1480	1470	24
250:	1473	2.4	1480	1469	24
300:	1472	2.0	1479	1469	24
400:	1472	1.1	1476	1471	23
500:	1473	1.1	1476	1472	22
600:	1474	.7	1476	1473	22
700:	1475	.5	1476	1475	21
800:	1476	.5	1477	1476	21
900:	1477	.5	1478	1477	21
1000:	1478	.4	1479	1478	21
1200:	1480	.5	1481	1480	21
1500:	1483	.2	1484	1483	17
2000:	1490	.5	1491	1490	9
2500:	1498	.0	1498	1498	6
3000:	1506	.0	1506	1506	6
3500:	1514	.0	1514	1514	5

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.967	.4789	13.232	11.025	21
10:	11.709	.4713	12.966	10.783	21
20:	11.454	.4645	12.700	10.544	21
30:	11.201	.4565	12.434	10.317	21
50:	10.702	.4409	11.901	9.883	21
75:	10.099	.4224	11.249	9.343	21
100:	9.529	.3984	10.608	8.819	21
125:	9.018	.3604	9.985	8.346	21
150:	8.587	.3201	9.418	7.959	21
175:	8.208	.2872	8.918	7.617	21
200:	7.855	.2623	8.471	7.302	21
225:	7.520	.2449	8.067	6.989	21
250:	7.192	.2294	7.687	6.691	21
300:	6.564	.2019	6.973	6.120	21
400:	5.403	.1568	5.686	5.053	21
500:	4.339	.1269	4.587	4.067	21
600:	3.351	.0913	3.512	3.155	21
700:	2.433	.0631	2.546	2.298	21
800:	1.574	.0392	1.646	1.497	21
900:	.766	.0177	.800	.733	21
1000:	.000	.0000	.000	.000	21
1200:	-1.418	.0384	-1.359	-1.487	21
1500:	-3.326	.0827	-3.198	-3.470	17
2000:	-6.154	.1055	-5.973	-6.343	9
2500:	-8.625	.1411	-8.415	-8.824	6
3000:	-10.940	.1523	-10.691	-11.113	6
3500:	-13.174	.1696	-12.913	-13.363	5

JUNE

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.14	.746	11.40	8.80	19
10:	10.07	.721	11.12	8.58	19
20:	9.86	.830	10.86	8.22	19
30:	9.68	1.100	10.84	7.26	19
50:	7.49	.674	8.39	5.96	19
75:	6.64	.661	7.52	5.57	19
100:	6.12	.593	7.15	5.25	19
125:	5.98	.544	7.19	5.16	19
150:	6.02	.528	7.24	5.38	19
175:	5.84	.540	6.98	5.31	19
200:	5.60	.508	6.85	5.12	19
225:	5.35	.499	6.67	4.90	19
250:	5.11	.507	6.45	4.62	19
300:	4.76	.466	6.00	4.33	19
400:	4.26	.269	4.95	3.96	17
500:	4.01	.172	4.44	3.76	16
600:	3.80	.147	4.13	3.59	16
700:	3.59	.120	3.83	3.43	16
800:	3.41	.105	3.65	3.27	16
900:	3.21	.085	3.42	3.11	16
1000:	3.03	.070	3.21	2.93	16
1200:	2.72	.060	2.83	2.62	16
1500:	2.35	.040	2.41	2.26	15
2000:	1.95	.020	1.98	1.93	5
2500:	1.72	.026	1.74	1.69	3
3000:	1.61	.028	1.63	1.59	2
3500:	1.54	.028	1.56	1.52	2

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.532	.1039	32.670	32.350	19
10:	32.531	.1041	32.670	32.350	19
20:	32.532	.1045	32.670	32.350	19
30:	32.537	.1078	32.690	32.350	19
50:	32.564	.1124	32.713	32.370	19
75:	32.603	.1129	32.781	32.400	19
100:	32.759	.1756	33.130	32.516	19
125:	33.176	.2263	33.618	32.800	19
150:	33.610	.1429	33.765	33.150	19
175:	33.755	.0887	33.862	33.500	19
200:	33.810	.0480	33.878	33.697	19
225:	33.833	.0404	33.890	33.740	19
250:	33.850	.0352	33.894	33.750	19
300:	33.891	.0327	33.942	33.800	19
400:	33.983	.0393	34.041	33.885	17
500:	34.073	.0475	34.131	33.960	16
600:	34.157	.0444	34.218	34.055	16
700:	34.225	.0422	34.276	34.126	16
800:	34.281	.0421	34.336	34.185	16
900:	34.328	.0426	34.386	34.226	16
1000:	34.365	.0398	34.417	34.267	16
1200:	34.428	.0369	34.484	34.330	16
1500:	34.504	.0254	34.557	34.451	15
2000:	34.591	.0058	34.596	34.581	5
2500:	34.636	.0037	34.640	34.634	3
3000:	34.662	.0007	34.662	34.662	2
3500:	34.675	.0000	34.677	34.674	2

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.025	.1307	25.267	24.783	19
10:	25.036	.1295	25.302	24.811	19
20:	25.070	.1583	25.364	24.854	19
30:	25.197	.2262	25.521	24.857	19
50:	25.456	.1469	25.767	25.178	19
75:	25.602	.1482	25.820	25.326	19
100:	25.791	.1780	26.090	25.479	19
125:	26.138	.1851	26.394	25.686	19
150:	26.474	.1583	26.610	25.953	19
175:	26.611	.1180	26.721	26.264	19
200:	26.684	.0882	26.771	26.436	19
225:	26.731	.0782	26.808	26.510	19
250:	26.773	.0678	26.848	26.593	19
300:	26.846	.0601	26.916	26.699	19
400:	26.973	.0536	27.026	26.840	17
500:	27.071	.0511	27.119	26.936	16
600:	27.159	.0429	27.202	27.056	16
700:	27.233	.0393	27.271	27.143	16
800:	27.296	.0383	27.340	27.208	16
900:	27.352	.0382	27.399	27.265	16
1000:	27.398	.0355	27.438	27.315	16
1200:	27.475	.0325	27.521	27.388	16
1500:	27.568	.0221	27.611	27.521	15
2000:	27.670	.0061	27.675	27.660	5
2500:	27.724	.0021	27.725	27.722	3
3000:	27.753	.0029	27.755	27.751	2
3500:	27.768	.0040	27.771	27.766	2

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	294.3	12.48	317.3	271.2	19
10:	293.5	12.33	314.8	268.1	19
20:	290.4	15.09	311.0	262.4	19
30:	278.4	21.58	310.9	247.6	19
50:	254.0	14.02	280.5	224.3	19
75:	240.3	14.16	266.6	219.5	19
100:	222.6	16.97	252.4	194.2	19
125:	190.0	17.58	233.2	165.9	19
150:	158.4	15.13	208.2	145.4	19
175:	145.7	11.35	179.1	135.3	19
200:	139.0	8.54	163.0	130.6	19
225:	134.7	7.64	156.3	127.3	19
250:	130.9	6.66	148.6	123.6	19
300:	124.3	5.98	139.1	117.4	19
400:	112.9	5.27	126.0	107.8	17
500:	104.2	4.97	117.4	99.7	16
600:	96.5	4.16	106.6	92.4	16
700:	90.0	3.82	98.9	86.5	16
800:	84.5	3.69	93.2	80.4	16
900:	79.6	3.67	87.8	75.2	16
1000:	75.5	3.43	83.5	71.8	16
1200:	68.7	3.12	77.1	64.5	16
1500:	60.4	2.14	65.0	56.5	15
2000:	51.5	.66	52.6	51.0	5
2500:	47.1	.26	47.3	46.8	3
3000:	45.2	.49	45.6	44.9	2
3500:	44.8	.57	45.2	44.4	2

JUNE

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.14	.746	11.40	8.80	19
10:	10.07	.721	11.12	8.58	19
20:	9.86	.831	10.86	8.22	19
30:	9.08	1.100	10.84	7.26	19
50:	7.49	.672	8.38	5.96	19
75:	6.63	.661	7.51	5.56	19
100:	6.11	.594	7.14	5.24	19
125:	5.97	.544	7.18	5.15	19
150:	6.01	.529	7.23	5.37	19
175:	5.82	.498	6.96	5.30	19
200:	5.58	.507	6.83	5.10	19
225:	5.33	.499	6.65	4.88	19
250:	5.09	.506	6.43	4.60	19
300:	4.74	.463	5.97	4.31	19
400:	4.23	.269	4.92	3.93	17
500:	3.97	.171	4.40	3.73	16
600:	3.76	.146	4.09	3.55	16
700:	3.54	.119	3.78	3.38	16
800:	3.35	.104	3.59	3.21	16
900:	3.15	.089	3.36	3.05	16
1000:	2.96	.071	3.14	2.86	16
1200:	2.64	.058	2.75	2.54	16
1500:	2.25	.040	2.31	2.16	15
2000:	1.81	.020	1.84	1.79	5
2500:	1.54	.026	1.56	1.51	3
3000:	1.38	.035	1.41	1.36	2
3500:	1.27	.028	1.29	1.25	2

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	298.3	12.45	317.3	271.2	19
10:	293.3	12.32	314.6	267.9	19
20:	290.0	15.06	310.5	262.0	19
30:	277.9	21.52	310.3	247.1	19
50:	253.2	13.97	279.7	223.7	19
75:	239.3	14.08	265.5	218.6	19
100:	221.3	16.91	251.0	192.9	19
125:	188.4	17.59	231.3	164.0	19
150:	156.4	15.01	205.8	143.5	19
175:	143.4	11.18	176.3	133.0	19
200:	136.5	8.35	159.9	128.2	19
225:	132.0	7.40	152.9	124.7	19
250:	128.0	6.41	145.0	120.9	19
300:	121.1	5.68	134.9	114.4	19
400:	109.0	5.06	121.5	103.9	17
500:	99.6	4.83	112.3	95.0	16
600:	91.2	4.05	100.9	87.1	16
700:	84.1	3.70	92.6	80.5	16
800:	78.1	3.61	86.4	74.0	16
900:	72.7	3.61	81.0	68.3	16
1000:	68.3	3.37	76.3	64.5	16
1200:	60.9	3.07	69.2	56.6	16
1500:	52.0	2.10	56.5	48.0	15
2000:	42.2	.55	43.1	41.7	5
2500:	36.8	.17	37.0	36.7	3
3000:	33.8	.28	34.0	33.6	2
3500:	32.0	.35	32.3	31.8	2

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	19
10:	.30	.013	.32	.27	19
20:	.59	.026	.63	.54	19
30:	.87	.045	.95	.79	19
50:	1.40	.073	1.53	1.28	19
75:	2.02	.104	2.18	1.87	19
100:	2.59	.133	2.82	2.40	19
125:	3.11	.156	3.43	2.91	19
150:	3.55	.179	3.98	3.34	19
175:	3.93	.204	4.47	3.69	19
200:	4.28	.222	4.89	4.02	19
225:	4.62	.238	5.29	4.35	19
250:	4.95	.252	5.67	4.67	19
300:	5.59	.278	6.39	5.28	19
400:	6.80	.333	7.71	6.41	17
500:	7.87	.389	8.92	7.45	16
600:	8.88	.426	10.04	8.43	16
700:	9.81	.462	11.06	9.33	16
800:	10.68	.494	12.02	10.18	16
900:	11.50	.530	12.93	10.96	16
1000:	12.27	.559	13.77	11.71	16
1200:	13.71	.619	15.35	13.07	16
1500:	15.56	.635	17.44	14.93	15
2000:	18.40	.467	19.22	18.09	5
2500:	21.00	.602	21.67	20.51	3
3000:	23.39	.849	23.99	22.79	2
3500:	25.63	.856	26.24	25.03	2

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	19
10:	.01	.005	.02	.01	19
20:	.06	.002	.06	.05	19
30:	.13	.008	.15	.12	19
50:	.35	.020	.38	.32	19
75:	.74	.042	.81	.67	19
100:	1.25	.069	1.38	1.15	19
125:	1.85	.104	2.08	1.71	19
150:	2.45	.146	2.85	2.27	19
175:	3.08	.191	3.65	2.88	19
200:	3.76	.230	4.46	3.52	19
225:	4.50	.268	5.32	4.22	19
250:	5.30	.304	6.24	4.98	19
300:	7.09	.384	8.26	6.65	19
400:	11.33	.586	12.97	10.68	17
500:	16.27	.824	18.50	15.42	16
600:	21.90	1.060	24.79	20.98	16
700:	28.06	1.314	31.53	26.89	16
800:	34.71	1.589	38.89	33.30	16
900:	41.82	1.901	46.73	40.03	16
1000:	49.31	2.222	54.94	47.13	16
1200:	65.44	2.922	72.58	62.39	16
1500:	91.40	3.352	101.30	87.17	15
2000:	141.21	2.022	144.71	139.47	5
2500:	197.66	2.820	200.89	195.67	3
3000:	263.12	3.946	265.91	260.33	2
3500:	337.48	4.108	340.39	334.58	2

JUNE

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	-----	N/A	-----		0
10:	-----	N/A	-----		0
20:	-----	N/A	-----		0
30:	-----	N/A	-----		0
50:	-----	N/A	-----		0
75:	-----	N/A	-----		0
100:	-----	N/A	-----		0
125:	-----	N/A	-----		0
150:	-----	N/A	-----		0
175:	-----	N/A	-----		0
200:	-----	N/A	-----		0
225:	-----	N/A	-----		0
250:	-----	N/A	-----		0
300:	-----	N/A	-----		0
400:	-----	N/A	-----		0
500:	-----	N/A	-----		0
600:	-----	N/A	-----		0
700:	-----	N/A	-----		0
800:	-----	N/A	-----		0
900:	-----	N/A	-----		0
1000:	-----	N/A	-----		0
1200:	-----	N/A	-----		0
1500:	-----	N/A	-----		0
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0
3500:	-----	N/A	-----		0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1487	2.7	1492	1483	19
10:	1487	2.7	1491	1482	19
20:	1487	3.1	1491	1481	19
30:	1488	3.1	1491	1477	19
50:	1478	2.6	1482	1473	19
75:	1475	2.6	1479	1471	19
100:	1474	2.4	1478	1471	19
125:	1474	2.2	1479	1471	19
150:	1475	2.1	1480	1473	19
175:	1475	1.9	1480	1473	19
200:	1475	2.0	1480	1473	19
225:	1474	2.1	1480	1473	19
250:	1474	2.0	1479	1472	19
300:	1473	1.8	1478	1472	19
400:	1473	1.1	1476	1472	17
500:	1473	.7	1475	1473	16
600:	1474	.7	1476	1474	16
700:	1475	.5	1476	1475	16
800:	1476	.5	1477	1476	16
900:	1477	.4	1478	1477	16
1000:	1478	.3	1479	1478	16
1200:	1480	.4	1481	1480	16
1500:	1483	.4	1484	1483	15
2000:	1490	.5	1491	1490	5
2500:	1498	.0	1498	1498	3
3000:	1506	.0	1506	1506	2
3500:	1514	.0	1514	1514	2

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.770	.5603	13.774	11.715	16
10:	11.974	.5532	13.465	11.428	16
20:	11.681	.5456	13.156	11.141	16
30:	11.395	.5326	12.846	10.877	16
50:	10.863	.5111	12.266	10.364	16
75:	10.243	.4890	11.593	9.773	16
100:	9.665	.4665	10.951	9.231	16
125:	9.143	.4472	10.341	8.749	16
150:	8.705	.4207	9.791	8.345	16
175:	8.324	.3900	9.308	7.976	16
200:	7.969	.3656	8.882	7.635	16
225:	7.629	.3458	8.485	7.304	16
250:	7.299	.3286	8.105	6.979	16
300:	6.661	.2973	7.385	6.350	16
400:	5.480	.2423	6.063	5.216	16
500:	4.400	.1921	4.857	4.198	16
600:	3.395	.1483	3.733	3.239	16
700:	2.465	.1085	2.716	2.346	16
800:	1.594	.0714	1.754	1.510	16
900:	.774	.0347	.855	.733	16
1000:	.000	.0000	.000	.000	16
1200:	-1.438	.0675	-1.352	-1.596	16
1500:	-3.344	.1142	-3.166	-3.667	15
2000:	-6.127	.0578	-6.068	-6.214	5
2500:	-8.588	.0739	-8.519	-8.666	3
3000:	-10.921	.0912	-10.857	-10.986	2
3500:	-13.166	.0962	-13.098	-13.234	2

JULY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.34	.685	12.13	10.03	7
10:	11.20	.695	12.12	10.03	7
20:	10.87	.749	12.10	10.02	7
30:	10.28	.876	11.34	9.09	7
50:	8.09	1.382	10.02	6.67	7
75:	6.62	.629	7.54	5.92	7
100:	6.10	.541	6.94	5.36	7
125:	5.95	.603	6.69	5.16	7
150:	5.81	.676	6.60	4.97	7
175:	5.65	.657	6.43	4.91	7
200:	5.31	.647	6.17	4.57	7
225:	5.05	.568	5.88	4.34	7
250:	4.84	.516	5.59	4.14	7
300:	4.64	.428	5.23	3.91	7
400:	4.24	.219	4.56	3.91	7
500:	4.00	.177	4.25	3.70	7
600:	3.80	.163	4.07	3.56	7
700:	3.58	.119	3.74	3.41	7
800:	3.41	.111	3.59	3.28	7
900:	3.22	.086	3.37	3.12	7
1000:	3.05	.083	3.21	2.94	7
1200:	2.74	.091	2.91	2.65	6
1500:	2.36	.066	2.48	2.31	6
2000:	1.91	.017	1.93	1.89	4
2500:	1.70	.015	1.72	1.69	3
3000:	1.58	.000	1.58	1.58	3
3500:	1.55	.006	1.56	1.55	3

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.546	.0826	32.685	32.453	7
10:	32.538	.0783	32.656	32.443	7
20:	32.544	.0706	32.645	32.467	7
30:	32.548	.0807	32.652	32.429	7
50:	32.609	.0817	32.710	32.508	7
75:	32.664	.1135	32.820	32.536	7
100:	32.832	.2664	33.348	32.549	7
125:	33.201	.3054	33.711	32.850	7
150:	33.564	.1672	33.800	33.317	7
175:	33.756	.0748	33.852	33.668	7
200:	33.805	.0569	33.874	33.736	7
225:	33.835	.0443	33.880	33.781	7
250:	33.856	.0339	33.905	33.817	7
300:	33.910	.0323	33.967	33.865	7
400:	34.008	.0235	34.048	33.970	7
500:	34.096	.0259	34.139	34.052	7
600:	34.175	.0227	34.213	34.136	7
700:	34.239	.0204	34.269	34.200	7
800:	34.295	.0227	34.317	34.247	7
900:	34.343	.0231	34.368	34.296	7
1000:	34.385	.0268	34.420	34.335	7
1200:	34.440	.0202	34.455	34.400	6
1500:	34.514	.0320	34.573	34.477	6
2000:	34.581	.0220	34.601	34.550	4
2500:	34.634	.0076	34.640	34.626	3
3000:	34.660	.0065	34.667	34.654	3
3500:	34.676	.0068	34.682	34.668	3

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.827	.1557	25.126	24.664	7
10:	24.846	.1588	25.127	24.666	7
20:	24.910	.1580	25.130	24.670	7
30:	25.013	.1638	25.200	24.783	7
50:	25.400	.1911	25.635	25.085	7
75:	25.669	.0890	25.827	25.541	7
100:	25.851	.1952	26.249	25.648	7
125:	26.160	.2045	26.468	25.876	7
150:	26.463	.0964	26.568	26.271	7
175:	26.634	.0306	26.685	26.604	7
200:	26.714	.0341	26.759	26.660	7
225:	26.768	.0335	26.808	26.706	7
250:	26.808	.0365	26.851	26.741	7
300:	26.874	.0368	26.916	26.798	7
400:	26.995	.0302	27.027	26.932	7
500:	27.091	.0297	27.123	27.029	7
600:	27.173	.0277	27.199	27.115	7
700:	27.246	.0224	27.266	27.199	7
800:	27.307	.0257	27.330	27.252	7
900:	27.363	.0247	27.384	27.311	7
1000:	27.412	.0270	27.441	27.358	7
1200:	27.484	.0233	27.500	27.437	6
1500:	27.575	.0301	27.627	27.535	6
2000:	27.665	.0184	27.682	27.639	4
2500:	27.724	.0068	27.730	27.717	3
3000:	27.753	.0056	27.759	27.748	3
3500:	27.768	.0053	27.772	27.762	3

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	317.1	14.81	328.7	284.7	7
10:	311.5	15.11	328.7	284.8	7
20:	305.7	15.08	328.6	284.7	7
30:	296.0	15.65	318.0	278.1	7
50:	259.4	18.31	289.5	236.9	7
75:	234.0	8.49	246.2	218.9	7
100:	216.9	18.49	236.1	179.2	7
125:	187.9	19.32	214.8	158.9	7
150:	159.4	9.11	177.6	149.4	7
175:	143.4	3.11	148.6	138.4	7
200:	136.0	3.55	141.6	131.4	7
225:	131.1	3.47	137.4	126.9	7
250:	127.4	3.73	134.2	123.0	7
300:	121.6	3.73	129.1	117.0	7
400:	110.7	3.01	117.0	107.4	7
500:	102.4	2.92	108.4	99.0	7
600:	95.1	2.78	101.0	92.4	7
700:	88.7	2.26	93.5	86.6	7
800:	83.5	2.60	89.0	81.1	7
900:	78.6	2.47	83.8	76.4	7
1000:	74.3	2.68	79.7	71.5	7
1200:	68.0	2.41	72.8	66.2	6
1500:	59.8	2.93	63.9	54.9	6
2000:	51.8	1.73	54.2	50.1	4
2500:	47.1	.61	47.6	46.4	3
3000:	45.1	.45	45.5	44.6	3
3500:	44.9	.42	45.4	44.6	3

JULY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.34	.685	12.13	10.03	7
10:	11.20	.695	12.12	10.03	7
20:	10.87	.751	12.10	10.01	7
30:	10.28	.877	11.34	9.03	7
50:	8.09	1.378	10.01	6.67	7
75:	6.61	.630	7.54	5.91	7
100:	6.09	.541	6.93	5.35	7
125:	5.94	.603	6.68	5.15	7
150:	5.80	.676	6.59	4.96	7
175:	5.63	.657	6.41	4.89	7
200:	5.29	.649	6.16	4.56	7
225:	5.03	.565	5.86	4.33	7
250:	4.82	.514	5.57	4.13	7
300:	4.62	.426	5.21	3.89	7
400:	4.21	.216	4.52	3.88	7
500:	3.96	.178	4.21	3.66	7
600:	3.75	.161	4.02	3.52	7
700:	3.53	.119	3.69	3.36	7
800:	3.35	.111	3.53	3.22	7
900:	3.16	.087	3.31	3.05	7
1000:	2.98	.083	3.14	2.87	7
1200:	2.66	.091	2.83	2.57	6
1500:	2.26	.068	2.38	2.20	6
2000:	1.78	.015	1.79	1.76	4
2500:	1.52	.015	1.54	1.51	3
3000:	1.36	.000	1.36	1.36	3
3500:	1.28	.006	1.29	1.28	3

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	313.1	14.81	328.7	284.7	7
10:	311.3	15.12	328.5	284.6	7
20:	305.2	15.04	328.1	284.3	7
30:	295.4	15.64	317.3	277.4	7
50:	258.5	18.16	288.5	236.2	7
75:	232.9	8.46	245.1	217.9	7
100:	215.6	18.57	235.0	177.8	7
125:	186.3	19.45	213.3	157.0	7
150:	157.5	9.15	175.7	147.5	7
175:	141.2	2.87	144.0	136.4	7
200:	133.6	3.23	138.7	129.3	7
225:	128.5	3.14	134.3	124.7	7
250:	124.7	3.44	131.0	120.7	7
300:	118.4	3.46	125.5	114.4	7
400:	106.8	2.86	112.8	103.8	7
500:	97.7	2.79	103.5	94.7	7
600:	89.8	2.60	95.3	87.4	7
700:	82.9	2.11	87.3	81.0	7
800:	77.0	2.45	82.3	74.9	7
900:	71.7	2.33	76.6	69.7	7
1000:	67.0	2.53	72.1	64.3	7
1200:	60.2	2.20	64.6	58.7	6
1500:	51.4	2.81	55.1	46.5	6
2000:	42.6	1.74	45.1	41.0	4
2500:	36.9	.60	37.5	36.3	3
3000:	33.8	.50	34.3	33.3	3
3500:	32.1	.47	32.6	31.7	3

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	7
10:	.31	.018	.33	.28	7
20:	.62	.030	.66	.57	7
30:	.93	.044	.98	.85	7
50:	1.49	.064	1.58	1.39	7
75:	2.10	.093	2.26	1.99	7
100:	2.65	.115	2.85	2.52	7
125:	3.16	.149	3.40	2.94	7
150:	3.60	.180	3.89	3.32	7
175:	3.97	.188	4.30	3.70	7
200:	4.32	.185	4.64	4.05	7
225:	4.65	.185	4.98	4.39	7
250:	4.98	.177	5.30	4.74	7
300:	5.60	.170	5.92	5.39	7
400:	6.76	.156	7.06	6.63	7
500:	7.82	.150	8.14	7.68	7
600:	8.81	.146	9.12	8.67	7
700:	9.73	.146	10.03	9.59	7
800:	10.59	.143	10.87	10.46	7
900:	11.40	.144	11.65	11.27	7
1000:	12.16	.153	12.40	12.04	7
1200:	13.58	.190	13.88	13.44	6
1500:	15.50	.239	15.95	15.33	6
2000:	18.16	.089	18.28	18.07	4
2500:	20.55	.089	20.62	20.45	3
3000:	22.84	.119	22.94	22.71	3
3500:	25.08	.132	25.20	24.94	3

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	7
10:	.02	.004	.02	.01	7
20:	.06	.005	.07	.06	7
30:	.14	.007	.15	.13	7
50:	.37	.017	.39	.35	7
75:	.76	.040	.83	.72	7
100:	1.26	.062	1.35	1.16	7
125:	1.84	.109	1.98	1.64	7
150:	2.44	.155	2.67	2.18	7
175:	3.07	.169	3.34	2.80	7
200:	3.73	.164	4.00	3.48	7
225:	4.45	.162	4.72	4.21	7
250:	5.23	.149	5.50	5.05	7
300:	6.98	.143	7.24	6.82	7
400:	11.12	.188	11.38	10.91	7
500:	16.00	.287	16.48	15.69	7
600:	21.53	.419	22.33	21.04	7
700:	27.61	.554	28.72	26.97	7
800:	34.18	.716	35.67	33.39	7
900:	41.20	.915	43.15	40.26	7
1000:	48.59	1.144	51.06	47.52	7
1200:	64.58	1.762	68.07	63.19	6
1500:	90.95	2.797	96.49	88.69	6
2000:	139.91	1.264	141.71	138.97	4
2500:	194.98	1.183	195.99	193.68	3
3000:	259.22	1.934	260.96	257.14	3
3500:	333.44	2.568	335.93	330.80	3

JULY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.76	----- N/A -----			1
10:	6.76	----- N/A -----			1
20:	6.78	----- N/A -----			1
30:	6.84	----- N/A -----			1
50:	6.97	----- N/A -----			1
75:	6.92	----- N/A -----			1
100:	6.65	----- N/A -----			1
125:	5.79	----- N/A -----			1
150:	4.65	----- N/A -----			1
175:	3.93	----- N/A -----			1
200:	3.72	----- N/A -----			1
225:	3.58	----- N/A -----			1
250:	3.36	----- N/A -----			1
300:	2.85	----- N/A -----			1
400:	1.76	----- N/A -----			1
500:	1.20	----- N/A -----			1
600:	.79	----- N/A -----			1
700:	.58	----- N/A -----			1
800:	.50	----- N/A -----			1
900:	.45	----- N/A -----			1
1000:	.44	----- N/A -----			1
1200:	.46	----- N/A -----			1
1500:	.72	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1491	2.6	1495	1487	7
10:	1491	2.4	1495	1488	7
20:	1490	2.6	1495	1488	7
30:	1488	3.0	1492	1484	7
50:	1480	5.4	1488	1475	7
75:	1475	2.6	1480	1473	7
100:	1474	2.3	1478	1471	7
125:	1474	2.6	1478	1471	7
150:	1475	2.8	1478	1471	7
175:	1475	2.7	1478	1472	7
200:	1474	2.9	1478	1471	7
225:	1473	2.5	1477	1470	7
250:	1473	2.2	1476	1470	7
300:	1472	1.8	1475	1470	7
400:	1473	.7	1474	1472	7
500:	1474	.8	1475	1473	7
600:	1474	.8	1476	1474	7
700:	1475	.5	1476	1475	7
800:	1476	.5	1477	1476	7
900:	1477	.5	1478	1477	7
1000:	1478	.4	1479	1478	7
1200:	1480	.5	1481	1480	6
1500:	1484	.0	1484	1484	6
2000:	1490	.0	1490	1490	4
2500:	1498	.0	1498	1498	3
3000:	1506	.0	1506	1506	3
3500:	1514	.0	1514	1514	3

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.162	.1524	12.396	12.037	7
10:	11.847	.1472	12.067	11.710	7
20:	11.537	.1418	11.734	11.400	7
30:	11.236	.1444	11.443	11.104	7
50:	10.678	.1454	10.916	10.526	7
75:	10.064	.1418	10.333	9.917	7
100:	9.507	.1673	9.844	9.353	7
125:	9.000	.2041	9.426	8.787	7
150:	8.566	.2235	9.040	8.331	7
175:	8.188	.2248	8.666	7.956	7
200:	7.841	.2192	8.308	7.617	7
225:	7.510	.2153	7.971	7.295	7
250:	7.186	.2039	7.622	6.982	7
300:	6.564	.1880	6.968	6.383	7
400:	5.401	.1498	5.719	5.262	7
500:	4.337	.1230	4.598	4.233	7
600:	3.351	.0956	3.554	3.276	7
700:	2.433	.0741	2.590	2.368	7
800:	1.574	.0499	1.680	1.531	7
900:	.764	.0253	.817	.744	7
1000:	.000	.0000	.000	.000	7
1200:	-1.419	.0508	-1.375	-1.518	6
1500:	-3.337	.1303	-3.207	-3.590	6
2000:	-6.104	.0636	-6.031	-6.186	4
2500:	-8.503	.0768	-8.414	-8.550	3
3000:	-10.794	.1021	-10.677	-10.867	3
3500:	-13.033	.1191	-12.900	-13.129	3

AUGUST

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.01	1.007	15.23	12.20	17
10:	13.99	.881	15.24	12.32	17
20:	12.78	1.225	14.53	9.82	17
30:	10.73	1.476	12.93	7.99	17
50:	7.88	.989	9.58	6.06	17
75:	6.69	.656	7.64	5.50	17
100:	6.17	.571	7.18	5.22	17
125:	5.94	.464	6.69	5.26	17
150:	5.65	.503	6.60	4.99	17
175:	5.71	.561	6.62	4.94	17
200:	5.48	.526	6.42	4.66	17
225:	5.20	.475	6.17	4.47	17
250:	4.95	.429	5.85	4.26	17
300:	4.57	.368	5.26	3.81	17
400:	4.11	.224	4.63	3.72	16
500:	3.93	.160	4.21	3.65	14
600:	3.75	.114	3.94	3.58	14
700:	3.56	.118	3.74	3.38	14
800:	3.38	.094	3.52	3.23	14
900:	3.20	.085	3.34	3.06	14
1000:	3.03	.070	3.13	2.91	14
1200:	2.73	.048	2.80	2.64	14
1500:	2.35	.036	2.41	2.29	13
2000:	1.95	.035	1.98	1.91	5
2500:	1.72	.015	1.73	1.70	3
3000:	1.59	.000	1.59	1.59	2
3500:	1.53	.035	1.56	1.51	2

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.529	.1257	32.836	32.370	17
10:	32.507	.0982	32.670	32.370	17
20:	32.520	.1040	32.682	32.380	17
30:	32.541	.0989	32.679	32.380	17
50:	32.610	.1131	32.862	32.430	17
75:	32.663	.1064	32.915	32.502	17
100:	32.788	.1823	33.262	32.524	17
125:	33.115	.2253	33.695	32.828	17
150:	33.503	.1483	33.766	33.216	17
175:	33.717	.0813	33.840	33.580	17
200:	33.803	.0490	33.890	33.706	17
225:	33.837	.0382	33.900	33.760	17
250:	33.852	.0353	33.900	33.770	17
300:	33.890	.0332	33.922	33.801	17
400:	33.984	.0252	34.021	33.943	16
500:	34.085	.0275	34.121	34.037	14
600:	34.166	.0240	34.197	34.118	14
700:	34.236	.0196	34.260	34.194	14
800:	34.293	.0206	34.318	34.256	14
900:	34.340	.0210	34.375	34.305	14
1000:	34.380	.0200	34.416	34.347	14
1200:	34.442	.0193	34.485	34.407	14
1500:	34.512	.0206	34.567	34.480	13
2000:	34.590	.0160	34.603	34.566	5
2500:	34.630	.0142	34.645	34.617	3
3000:	34.655	.0254	34.673	34.637	2
3500:	34.671	.0268	34.690	34.652	2

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.290	.2407	24.895	24.007	17
10:	24.294	.1905	24.589	24.002	17
20:	24.532	.2730	25.172	24.127	17
30:	24.923	.2891	25.431	24.519	17
50:	25.435	.1597	25.738	25.170	17
75:	25.642	.1138	25.821	25.390	17
100:	25.808	.1658	26.220	25.470	17
125:	26.094	.1553	26.463	25.893	17
150:	26.411	.1014	26.607	26.236	17
175:	26.596	.0634	26.717	26.476	17
200:	26.693	.0457	26.759	26.580	17
225:	26.748	.0374	26.801	26.662	17
250:	26.792	.0313	26.834	26.719	17
300:	26.867	.0277	26.911	26.813	17
400:	26.989	.0301	27.044	26.921	16
500:	27.088	.0321	27.134	27.024	14
600:	27.171	.0270	27.208	27.118	14
700:	27.245	.0231	27.272	27.197	14
800:	27.308	.0215	27.336	27.269	14
900:	27.363	.0216	27.400	27.325	14
1000:	27.410	.0197	27.450	27.381	14
1200:	27.487	.0182	27.528	27.455	14
1500:	27.575	.0181	27.622	27.548	13
2000:	27.670	.0149	27.682	27.648	5
2500:	27.719	.0125	27.732	27.707	3
3000:	27.748	.0204	27.763	27.734	2
3500:	27.765	.0241	27.782	27.748	2

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	364.3	22.94	391.3	306.7	17
10:	364.2	18.18	392.0	336.0	17
20:	341.7	26.05	380.4	280.7	17
30:	304.6	27.61	343.2	256.1	17
50:	256.0	15.27	281.3	227.0	17
75:	236.6	10.88	260.7	219.3	17
100:	221.0	15.79	253.3	181.9	17
125:	194.1	14.71	213.3	159.3	17
150:	164.4	9.59	181.0	145.8	17
175:	147.0	6.12	158.8	135.5	17
200:	138.2	4.53	149.3	131.7	17
225:	133.0	3.76	141.7	127.9	17
250:	129.0	3.18	136.4	124.9	17
300:	122.2	2.82	127.7	117.9	17
400:	111.2	3.02	118.2	105.8	16
500:	102.6	3.16	108.9	98.0	14
600:	95.3	2.67	100.5	91.6	14
700:	88.9	2.34	93.6	86.0	14
800:	83.4	2.13	87.2	80.6	14
900:	78.6	2.14	82.4	74.9	14
1000:	74.4	1.94	77.2	70.4	14
1200:	67.7	1.79	70.7	63.6	14
1500:	59.8	1.74	62.3	55.3	13
2000:	51.5	1.50	53.6	50.2	5
2500:	47.5	1.25	48.7	46.2	3
3000:	45.5	1.84	46.8	44.2	2
3500:	45.0	2.47	46.8	43.3	2

AUGUST

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.01	1.007	15.23	12.20	17
10:	13.94	.881	15.24	12.32	17
20:	12.78	1.225	14.53	9.82	17
30:	10.73	1.475	12.92	7.99	17
50:	7.88	.988	9.58	6.05	17
75:	6.69	.657	7.63	5.49	17
100:	6.16	.569	7.17	5.21	17
125:	5.93	.464	6.68	5.25	17
150:	5.84	.501	6.58	4.98	17
175:	5.70	.560	6.61	4.92	17
200:	5.46	.526	6.40	4.65	17
225:	5.18	.474	6.15	4.45	17
250:	4.94	.429	5.83	4.24	17
300:	4.54	.366	5.24	3.79	17
400:	4.08	.224	4.60	3.69	16
500:	3.90	.159	4.17	3.62	14
600:	3.71	.111	3.90	3.54	14
700:	3.51	.118	3.69	3.33	14
800:	3.33	.093	3.46	3.18	14
900:	3.14	.085	3.28	3.00	14
1000:	2.96	.070	3.06	2.84	14
1200:	2.64	.048	2.72	2.56	14
1500:	2.25	.037	2.30	2.19	13
2000:	1.81	.033	1.84	1.77	5
2500:	1.54	.020	1.56	1.52	3
3000:	1.36	.007	1.37	1.36	2
3500:	1.26	.035	1.29	1.24	2

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	364.3	22.94	391.3	306.7	17
10:	363.9	18.15	391.7	335.8	17
20:	341.1	26.03	379.8	280.3	17
30:	303.9	27.51	342.4	255.6	17
50:	255.2	15.20	280.4	226.4	17
75:	235.5	10.82	259.5	218.5	17
100:	219.8	15.75	251.8	180.6	17
125:	192.5	14.76	211.6	157.4	17
150:	162.4	9.61	179.0	143.8	17
175:	144.8	6.01	156.2	133.3	17
200:	135.6	4.33	146.3	129.3	17
225:	130.4	3.52	138.5	125.4	17
250:	126.1	2.95	133.0	122.2	17
300:	119.1	2.61	124.1	114.9	17
400:	107.4	2.86	113.9	102.2	16
500:	98.0	3.03	104.0	93.6	14
600:	90.0	2.54	95.0	86.5	14
700:	83.0	2.17	87.5	80.5	14
800:	77.0	2.03	80.7	74.3	14
900:	71.8	2.05	75.3	68.2	14
1000:	67.3	1.84	69.9	63.5	14
1200:	59.9	1.75	62.9	55.9	14
1500:	51.4	1.71	53.9	46.9	13
2000:	42.2	1.40	44.2	41.0	5
2500:	37.3	1.15	38.4	36.1	3
3000:	34.2	1.91	35.6	32.9	2
3500:	32.3	2.33	34.0	30.7	2

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	17
10:	.37	.022	.40	.32	17
20:	.72	.035	.77	.67	17
30:	1.05	.053	1.13	.95	17
50:	1.61	.078	1.75	1.47	17
75:	2.22	.099	2.39	2.05	17
100:	2.79	.119	2.98	2.60	17
125:	3.31	.147	3.56	3.02	17
150:	3.75	.168	4.04	3.41	17
175:	4.14	.180	4.43	3.79	17
200:	4.50	.186	4.78	4.15	17
225:	4.83	.189	5.12	4.50	17
250:	5.16	.191	5.45	4.83	17
300:	5.79	.195	6.09	5.44	17
400:	6.93	.190	7.25	6.56	16
500:	8.01	.211	8.34	7.61	14
600:	9.00	.220	9.33	8.58	14
700:	9.92	.231	10.26	9.49	14
800:	10.78	.241	11.12	10.33	14
900:	11.59	.253	11.96	11.12	14
1000:	12.36	.264	12.75	11.86	14
1200:	13.77	.288	14.23	13.24	14
1500:	15.68	.335	16.20	15.09	13
2000:	18.66	.349	19.07	18.20	5
2500:	21.20	.533	21.61	20.60	3
3000:	23.41	.799	23.98	22.45	2
3500:	25.67	.898	26.31	25.04	2

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	17
10:	.02	.000	.02	.02	17
20:	.07	.005	.08	.07	17
30:	.16	.008	.17	.14	17
50:	.38	.024	.42	.34	17
75:	.77	.040	.83	.71	17
100:	1.28	.061	1.39	1.18	17
125:	1.87	.099	2.06	1.66	17
150:	2.50	.132	2.73	2.21	17
175:	3.14	.155	3.38	2.83	17
200:	3.82	.167	4.05	3.52	17
225:	4.55	.176	4.81	4.26	17
250:	5.35	.188	5.65	5.02	17
300:	7.11	.209	7.50	6.75	17
400:	11.23	.250	11.66	10.75	16
500:	16.14	.369	16.72	15.58	14
600:	21.68	.507	22.55	20.93	14
700:	27.77	.658	28.98	26.82	14
800:	34.35	.804	35.88	33.17	14
900:	41.35	.967	43.17	39.94	14
1000:	48.76	1.144	50.86	47.18	14
1200:	64.65	1.503	67.41	62.69	14
1500:	90.81	2.243	94.60	87.20	13
2000:	141.23	3.004	145.56	137.47	5
2500:	198.58	5.851	203.96	192.35	3
3000:	262.90	10.571	270.38	255.43	2
3500:	337.69	13.895	347.52	327.87	2

AUGUST

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.48	-----	N/A	-----	1
10:	6.21	-----	N/A	-----	1
20:	6.69	-----	N/A	-----	1
30:	6.87	-----	N/A	-----	1
50:	7.00	-----	N/A	-----	1
75:	6.98	-----	N/A	-----	1
100:	6.84	-----	N/A	-----	1
125:	6.30	-----	N/A	-----	1
150:	5.43	-----	N/A	-----	1
175:	4.69	-----	N/A	-----	1
200:	4.42	-----	N/A	-----	1
225:	4.10	-----	N/A	-----	1
250:	3.69	-----	N/A	-----	1
300:	2.85	-----	N/A	-----	1
400:	2.01	-----	N/A	-----	1
500:	1.27	-----	N/A	-----	1
600:	.88	-----	N/A	-----	1
700:	.63	-----	N/A	-----	1
800:	.51	-----	N/A	-----	1
900:	.46	-----	N/A	-----	1
1000:	.42	-----	N/A	-----	1
1200:	.70	-----	N/A	-----	1
1500:	.66	-----	N/A	-----	1
2000:	1.31	-----	N/A	-----	1
2500:	1.97	-----	N/A	-----	1
3000:	2.43	-----	N/A	-----	1
3500:	2.82	-----	N/A	-----	1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1501	3.5	1505	1495	17
10:	1501	2.9	1505	1495	17
20:	1497	4.1	1503	1487	17
30:	1490	5.3	1498	1480	17
50:	1480	3.9	1487	1473	17
75:	1476	2.6	1480	1471	17
100:	1474	2.2	1478	1471	17
125:	1474	2.1	1478	1471	17
150:	1474	2.2	1478	1471	17
175:	1475	2.4	1479	1472	17
200:	1474	2.2	1478	1471	17
225:	1473	2.0	1478	1471	17
250:	1473	1.8	1477	1470	17
300:	1472	1.7	1476	1469	17
400:	1472	1.1	1475	1471	16
500:	1473	.8	1475	1472	14
600:	1474	.5	1475	1474	14
700:	1475	.5	1476	1475	14
800:	1476	.5	1477	1476	14
900:	1477	.5	1478	1477	14
1000:	1478	.4	1479	1478	14
1200:	1480	.4	1481	1480	14
1500:	1484	.0	1484	1484	13
2000:	1490	.5	1491	1490	5
2500:	1498	.0	1498	1498	3
3000:	1506	.0	1506	1506	2
3500:	1514	.0	1514	1514	2

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.356	.2645	12.749	11.860	14
10:	11.993	.2635	12.395	11.492	14
20:	11.637	.2616	12.049	11.126	14
30:	11.313	.2501	11.742	10.838	14
50:	10.749	.2304	11.179	10.359	14
75:	10.133	.2217	10.564	9.789	14
100:	9.567	.2177	9.992	9.257	14
125:	9.050	.2140	9.452	8.765	14
150:	8.605	.2090	9.007	8.326	14
175:	8.220	.2009	8.632	7.947	14
200:	7.865	.1941	8.273	7.602	14
225:	7.529	.1867	7.924	7.273	14
250:	7.203	.1802	7.585	6.955	14
300:	6.575	.1701	6.931	6.346	14
400:	5.912	.1425	6.693	5.227	14
500:	4.343	.1139	4.563	4.197	14
600:	3.355	.0871	3.516	3.239	14
700:	2.434	.0619	2.542	2.338	14
800:	1.574	.0414	1.646	1.502	14
900:	.765	.0210	.799	.724	14
1000:	.000	.0000	.000	.000	14
1200:	-1.417	.0359	-1.340	-1.476	14
1500:	-3.320	.0921	-3.116	-3.453	13
2000:	-6.133	.1346	-5.963	-6.316	5
2500:	-8.637	.2563	-8.358	-8.862	3
3000:	-10.920	.4398	-10.609	-11.231	2
3500:	-13.178	.5388	-12.797	-13.559	2

SEPTEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.32	.845	16.60	13.10	18
10:	14.32	.824	16.40	13.18	18
20:	14.24	.815	16.42	13.17	18
30:	13.67	1.153	15.56	10.83	18
50:	8.70	1.329	12.54	6.44	18
75:	6.97	.659	8.19	5.74	18
100:	6.29	.513	7.31	5.64	18
125:	6.02	.422	6.84	5.34	18
150:	5.98	.420	6.72	5.24	18
175:	5.90	.334	6.58	5.38	18
200:	5.67	.329	6.37	5.22	18
225:	5.41	.327	6.16	4.99	18
250:	5.15	.309	5.97	4.81	18
300:	4.71	.281	5.53	4.32	18
400:	4.28	.235	5.03	3.99	16
500:	4.04	.176	4.59	3.80	15
600:	3.83	.153	4.27	3.64	15
700:	3.63	.129	4.00	3.47	15
800:	3.42	.105	3.73	3.30	15
900:	3.22	.084	3.48	3.15	15
1000:	3.04	.064	3.23	2.97	15
1200:	2.72	.032	2.79	2.67	14
1500:	2.36	.038	2.42	2.30	12
2000:	1.94	.026	1.98	1.91	6
2500:	1.72	.016	1.75	1.71	5
3000:	1.60	.025	1.62	1.56	5
3500:	1.56	.020	1.59	1.55	4

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.456	.1074	32.635	32.260	18
10:	32.454	.1056	32.636	32.254	18
20:	32.461	.1085	32.626	32.252	18
30:	32.472	.1041	32.628	32.293	18
50:	32.598	.1020	32.803	32.400	18
75:	32.666	.0856	32.836	32.553	18
100:	32.841	.1595	33.200	32.636	18
125:	33.238	.2682	33.656	32.908	18
150:	33.606	.1663	33.804	33.263	18
175:	33.770	.0773	33.890	33.589	18
200:	33.827	.0427	33.918	33.764	18
225:	33.847	.0351	33.932	33.800	16
250:	33.861	.0306	33.945	33.820	18
300:	33.891	.0285	33.969	33.840	18
400:	33.989	.0267	34.044	33.950	16
500:	34.080	.0229	34.110	34.032	15
600:	34.162	.0196	34.189	34.126	15
700:	34.230	.0166	34.253	34.206	15
800:	34.284	.0154	34.308	34.258	15
900:	34.331	.0147	34.350	34.301	15
1000:	34.368	.0116	34.382	34.347	15
1200:	34.433	.0096	34.446	34.413	14
1500:	34.504	.0130	34.526	34.483	12
2000:	34.587	.0058	34.597	34.579	6
2500:	34.631	.0043	34.638	34.628	5
3000:	34.655	.0038	34.658	34.648	5
3500:	34.671	.0059	34.678	34.664	4

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.178	.2182	24.566	23.566	18
10:	24.176	.2083	24.551	23.605	18
20:	24.199	.2089	24.585	23.602	18
30:	24.319	.2512	24.954	23.818	18
50:	25.300	.2169	25.580	24.685	18
75:	25.608	.1208	25.827	25.396	18
100:	25.835	.1633	26.167	25.593	18
125:	26.181	.1933	26.474	25.893	18
150:	26.476	.1118	26.608	26.219	18
175:	26.617	.0596	26.695	26.488	18
200:	26.689	.0450	26.754	26.600	18
225:	26.736	.0358	26.784	26.664	18
250:	26.778	.0309	26.826	26.720	18
300:	26.851	.0271	26.894	26.807	18
400:	26.976	.0260	27.021	26.937	16
500:	27.073	.0270	27.110	27.017	15
600:	27.160	.0213	27.190	27.121	15
700:	27.234	.0166	27.263	27.208	15
800:	27.297	.0145	27.321	27.275	15
900:	27.353	.0136	27.371	27.334	15
1000:	27.400	.0114	27.417	27.384	15
1200:	27.480	.0093	27.492	27.461	14
1500:	27.567	.0111	27.587	27.551	12
2000:	27.668	.0068	27.677	27.658	6
2500:	27.720	.0036	27.726	27.718	5
3000:	27.748	.0046	27.753	27.741	5
3500:	27.763	.0048	27.770	27.759	4

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	375.0	20.80	433.3	338.0	18
10:	375.4	19.86	429.9	339.7	18
20:	373.5	19.94	430.5	340.5	18
30:	362.2	23.97	410.1	301.7	18
50:	268.9	20.75	327.8	242.1	18
75:	239.8	11.56	260.1	218.9	18
100:	218.5	15.59	241.6	186.8	18
125:	185.9	16.28	213.2	158.0	18
150:	158.2	10.57	182.7	145.6	18
175:	145.2	5.69	157.6	137.6	18
200:	138.6	4.37	147.3	132.3	18
225:	134.2	3.52	141.3	129.6	18
250:	130.5	3.05	136.2	125.8	18
300:	123.8	2.72	128.0	119.5	18
400:	112.6	2.60	117.0	108.1	16
500:	104.1	2.68	110.0	100.5	15
600:	96.4	2.15	100.7	93.4	15
700:	90.0	1.68	93.0	87.0	15
800:	84.5	1.45	87.0	82.1	15
900:	79.6	1.36	81.8	77.8	15
1000:	75.4	1.16	77.2	73.6	15
1200:	68.3	.93	70.1	67.0	14
1500:	60.5	1.07	62.1	58.7	12
2000:	51.6	.71	52.8	50.8	6
2500:	47.5	.35	47.8	46.9	5
3000:	45.6	.61	46.5	44.9	5
3500:	45.4	.41	45.7	44.8	4

SEPTEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	14.32	.845	16.60	13.10	18
10:	14.32	.824	16.40	13.18	18
20:	14.24	.815	16.42	13.17	18
30:	13.67	1.153	15.56	10.83	18
50:	8.70	1.327	12.53	6.44	18
75:	6.96	.659	8.18	5.73	18
100:	6.28	.512	7.30	5.63	18
125:	6.01	.422	6.83	5.33	18
150:	5.97	.420	6.71	5.22	18
175:	5.88	.332	6.56	5.37	18
200:	5.65	.329	6.35	5.20	18
225:	5.39	.327	6.14	4.97	18
250:	5.13	.307	5.94	4.79	18
300:	4.69	.279	5.50	4.30	18
400:	4.25	.235	5.00	3.96	16
500:	4.00	.176	4.55	3.76	15
600:	3.79	.153	4.23	3.60	15
700:	3.58	.128	3.95	3.42	15
800:	3.36	.103	3.67	3.24	15
900:	3.16	.082	3.41	3.09	15
1000:	2.97	.065	3.16	2.90	15
1200:	2.64	.032	2.71	2.59	14
1500:	2.26	.038	2.32	2.20	12
2000:	1.80	.027	1.85	1.78	6
2500:	1.55	.013	1.57	1.54	5
3000:	1.37	.023	1.40	1.34	5
3500:	1.29	.015	1.31	1.28	4

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	375.0	20.80	433.3	338.0	18
10:	375.1	19.84	429.6	339.4	18
20:	373.0	19.91	429.8	339.9	18
30:	361.4	23.92	409.2	301.0	18
50:	268.0	20.63	326.5	241.4	18
75:	238.7	11.48	258.9	217.9	18
100:	217.2	15.52	240.1	185.6	18
125:	184.3	18.37	211.6	156.4	18
150:	156.2	10.64	180.7	143.7	18
175:	142.9	5.65	155.0	135.4	18
200:	136.0	4.27	144.4	129.8	18
225:	131.5	3.41	138.3	127.0	18
250:	127.5	2.92	133.0	123.0	18
300:	120.6	2.57	124.7	116.5	18
400:	108.7	2.47	112.3	104.4	16
500:	99.4	2.52	104.6	95.9	15
600:	91.1	1.99	94.7	88.3	15
700:	84.0	1.56	86.5	81.3	15
800:	78.0	1.36	80.1	75.8	15
900:	72.7	1.27	74.4	71.0	15
1000:	68.2	1.08	69.7	66.5	15
1200:	60.5	.89	62.3	59.3	14
1500:	52.1	1.03	53.7	50.3	12
2000:	42.4	.60	43.3	41.6	6
2500:	37.3	.33	37.5	36.7	5
3000:	34.3	.46	35.0	33.8	5
3500:	32.5	.45	32.9	31.9	4

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	18
10:	.34	.020	.43	.34	18
20:	.75	.042	.87	.68	18
30:	1.12	.059	1.29	1.02	18
50:	1.76	.075	1.99	1.63	18
75:	2.39	.089	2.66	2.22	18
100:	2.96	.112	3.25	2.72	18
125:	3.47	.134	3.75	3.16	18
150:	3.90	.156	4.16	3.56	18
175:	4.28	.167	4.54	3.93	18
200:	4.63	.173	4.92	4.29	18
225:	4.97	.179	5.27	4.63	18
250:	5.30	.183	5.62	4.97	18
300:	5.94	.192	6.27	5.61	18
400:	7.13	.208	7.48	6.78	16
500:	8.20	.221	8.58	7.84	15
600:	9.20	.234	9.63	8.81	15
700:	10.13	.245	10.60	9.71	15
800:	11.00	.256	11.50	10.56	15
900:	11.83	.264	12.34	11.36	15
1000:	12.60	.272	13.14	12.12	15
1200:	14.02	.297	14.60	13.52	14
1500:	15.96	.329	16.55	15.42	12
2000:	18.74	.467	19.40	18.18	6
2500:	21.31	.450	21.89	20.82	5
3000:	23.63	.453	24.22	23.12	5
3500:	25.82	.490	26.51	25.36	4

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	18
10:	.02	.000	.02	.02	18
20:	.08	.006	.09	.07	18
30:	.17	.010	.20	.16	18
50:	.43	.019	.48	.39	18
75:	.83	.034	.91	.77	18
100:	1.34	.059	1.44	1.22	18
125:	1.92	.097	2.07	1.72	18
150:	2.52	.137	2.73	2.27	18
175:	3.14	.160	3.41	2.89	18
200:	3.82	.174	4.13	3.57	18
225:	4.56	.191	4.91	4.29	18
250:	5.36	.202	5.73	5.07	18
300:	7.14	.232	7.58	6.81	18
400:	11.38	.285	11.87	10.87	16
500:	16.31	.362	16.90	15.67	15
600:	21.92	.460	22.74	21.09	15
700:	28.09	.578	29.15	27.09	15
800:	34.74	.681	36.01	33.59	15
900:	41.85	.792	43.32	40.53	15
1000:	49.34	.898	51.01	47.85	15
1200:	65.37	1.129	67.41	63.58	14
1500:	91.87	1.437	94.17	89.62	12
2000:	141.23	2.285	144.87	138.87	6
2500:	198.10	2.760	201.97	194.45	5
3000:	263.06	3.080	267.28	258.72	5
3500:	338.17	4.124	343.02	333.11	4

SEPTEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.10	.247	6.28	5.93	2
10:	6.05	.177	6.18	5.93	2
20:	6.15	.042	6.18	6.12	2
30:	6.21	.042	6.24	6.18	2
50:	6.76	.099	6.83	6.69	2
75:	6.74	.000	6.74	6.74	2
100:	6.71	.064	6.76	6.67	2
125:	5.61	1.096	6.39	4.84	2
150:	5.47	.014	5.48	5.46	2
175:	4.55	.247	4.73	4.38	2
200:	4.25	.375	4.52	3.99	2
225:	3.92	.540	4.31	3.54	2
250:	3.62	.693	4.11	3.13	2
300:	2.75	.693	3.24	2.26	2
400:	1.84	-----	N/A	-----	1
500:	1.09	-----	N/A	-----	1
600:	.82	-----	N/A	-----	1
700:	.62	-----	N/A	-----	1
800:	.49	-----	N/A	-----	1
900:	.46	-----	N/A	-----	1
1000:	.43	-----	N/A	-----	1
1200:	.54	-----	N/A	-----	1
1500:	.65	-----	N/A	-----	1
2000:	1.33	-----	N/A	-----	1
2500:	1.94	-----	N/A	-----	1
3000:	2.59	-----	N/A	-----	1
3500:	2.79	-----	N/A	-----	1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1502	2.8	1509	1498	18
10:	1502	2.7	1509	1499	18
20:	1502	2.7	1509	1499	18
30:	1500	3.8	1506	1491	18
50:	1483	5.0	1497	1474	18
75:	1477	2.7	1482	1472	18
100:	1475	2.0	1479	1473	18
125:	1474	1.9	1478	1472	18
150:	1475	1.9	1479	1472	18
175:	1475	1.4	1479	1474	18
200:	1475	1.4	1478	1474	18
225:	1474	1.4	1478	1473	18
250:	1474	1.4	1478	1473	18
300:	1473	1.2	1477	1472	18
400:	1473	.9	1476	1472	16
500:	1474	.7	1476	1473	15
600:	1474	.8	1477	1474	15
700:	1475	.6	1477	1475	15
800:	1476	.6	1478	1476	15
900:	1477	.4	1478	1477	15
1000:	1478	.5	1479	1478	15
1200:	1480	.4	1481	1480	14
1500:	1484	.0	1484	1484	12
2000:	1490	.5	1491	1490	6
2500:	1498	.0	1498	1498	5
3000:	1506	.0	1506	1506	5
3500:	1514	.0	1514	1514	4

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.588	.2791	13.136	12.120	14
10:	12.208	.2695	12.703	11.733	14
20:	11.828	.2572	12.270	11.360	14
30:	11.452	.2435	11.885	11.014	14
50:	10.816	.2292	11.241	10.395	14
75:	10.187	.2059	10.563	9.813	14
100:	9.618	.1846	9.923	9.301	14
125:	9.117	.1773	9.387	8.835	14
150:	8.691	.1732	8.979	8.438	14
175:	8.315	.1668	8.606	8.076	14
200:	7.962	.1593	8.247	7.732	14
225:	7.624	.1538	7.905	7.404	14
250:	7.293	.1469	7.567	7.077	14
300:	6.658	.1346	6.913	6.456	14
400:	5.476	.1109	5.694	5.316	14
500:	4.393	.0827	4.555	4.272	14
600:	3.393	.0604	3.504	3.303	14
700:	2.463	.0406	2.536	2.402	14
800:	1.593	.0264	1.638	1.557	14
900:	.773	.0125	.795	.757	14
1000:	.000	.0005	.002	.000	14
1200:	-1.433	.0224	-1.402	-1.472	14
1500:	-3.352	.0445	-3.293	-3.435	12
2000:	-6.132	.0814	-6.031	-6.260	6
2500:	-8.605	.1080	-8.452	-8.752	5
3000:	-10.923	.1219	-10.744	-11.083	5
3500:	-13.190	.1602	-12.989	-13.369	4

OCTOBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.23	1.016	12.30	10.28	3
10:	11.19	1.061	12.36	10.29	3
20:	11.20	1.072	12.38	10.29	3
30:	11.20	1.078	12.39	10.29	3
50:	10.97	.744	11.75	10.27	3
75:	7.23	1.083	8.47	6.47	3
100:	6.17	.398	6.51	5.73	3
125:	6.07	.416	6.36	5.59	3
150:	6.05	.450	6.44	5.56	3
175:	5.84	.384	6.19	5.43	3
200:	5.56	.293	5.83	5.25	3
225:	5.24	.310	5.54	4.92	3
250:	4.94	.210	5.15	4.73	3
300:	4.55	.069	4.65	4.48	3
400:	4.20	.030	4.23	4.17	3
500:	3.92	.114	4.00	3.79	3
600:	3.71	.095	3.78	3.60	3
700:	3.52	.072	3.58	3.44	3
800:	3.34	.056	3.39	3.28	3
900:	3.16	.040	3.20	3.12	3
1000:	3.00	.026	3.03	2.98	3
1200:	2.72	.026	2.75	2.70	3
1500:	2.32	.028	2.34	2.30	2
2000:	1.93	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.504	.1541	32.646	32.340	3
10:	32.508	.1581	32.654	32.340	3
20:	32.507	.1572	32.652	32.340	3
30:	32.508	.1573	32.652	32.340	3
50:	32.519	.1729	32.685	32.340	3
75:	32.744	.1262	32.837	32.600	3
100:	33.022	.1540	33.195	32.900	3
125:	33.340	.1375	33.478	33.203	3
150:	33.609	.0655	33.674	33.543	3
175:	33.783	.0564	33.835	33.723	3
200:	33.828	.0356	33.863	33.792	3
225:	33.853	.0307	33.872	33.818	3
250:	33.872	.0316	33.900	33.838	3
300:	33.911	.0318	33.948	33.892	3
400:	34.010	.0214	34.034	33.993	3
500:	34.096	.0164	34.112	34.079	3
600:	34.173	.0138	34.188	34.161	3
700:	34.238	.0133	34.253	34.230	3
800:	34.290	.0149	34.306	34.277	3
900:	34.336	.0226	34.360	34.315	3
1000:	34.376	.0287	34.406	34.349	3
1200:	34.442	.0249	34.469	34.420	3
1500:	34.521	.0263	34.540	34.503	2
2000:	34.590	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.813	.0728	24.856	24.729	3
10:	24.822	.0881	24.891	24.723	3
20:	24.821	.0913	24.892	24.718	3
30:	24.821	.0919	24.892	24.717	3
50:	24.873	.0238	24.900	24.856	3
75:	25.632	.1282	25.776	25.531	3
100:	25.994	.1106	26.119	25.910	3
125:	26.256	.1266	26.343	26.111	3
150:	26.470	.0880	26.532	26.369	3
175:	26.633	.0790	26.690	26.543	3
200:	26.704	.0535	26.743	26.643	3
225:	26.761	.0580	26.812	26.698	3
250:	26.811	.0487	26.857	26.760	3
300:	26.886	.0299	26.918	26.859	3
400:	27.001	.0190	27.023	26.988	3
500:	27.098	.0230	27.124	27.080	3
600:	27.181	.0193	27.203	27.168	3
700:	27.250	.0172	27.270	27.238	3
800:	27.309	.0173	27.328	27.294	3
900:	27.363	.0221	27.386	27.342	3
1000:	27.409	.0250	27.435	27.385	3
1200:	27.487	.0217	27.510	27.467	3
1500:	27.584	.0233	27.601	27.568	2
2000:	27.671	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	314.4	6.90	322.4	310.4	3
10:	313.8	8.35	323.2	307.3	3
20:	314.1	8.66	323.9	307.4	3
30:	314.4	8.81	324.3	307.5	3
50:	309.8	2.26	311.3	307.2	3
75:	237.6	12.31	247.4	223.8	3
100:	203.4	10.45	211.4	191.6	3
125:	178.7	12.07	192.6	170.6	3
150:	158.8	8.46	168.5	152.8	3
175:	143.6	7.60	152.3	138.1	3
200:	137.1	5.16	143.0	133.3	3
225:	131.8	5.64	137.9	126.8	3
250:	127.2	4.71	132.1	122.7	3
300:	120.4	2.88	123.0	117.3	3
400:	110.1	1.84	112.4	108.0	3
500:	101.6	2.36	103.4	98.9	3
600:	94.4	1.97	95.6	92.1	3
700:	88.3	1.72	89.5	86.3	3
800:	83.1	1.68	84.6	81.3	3
900:	78.5	2.16	80.5	76.2	3
1000:	74.4	2.35	76.7	72.0	3
1200:	67.6	2.11	69.6	65.4	3
1500:	58.8	2.19	60.4	57.3	2
2000:	51.3	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

OCTOBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.23	1.016	12.30	10.28	3
10:	11.19	1.061	12.36	10.29	3
20:	11.20	1.072	12.36	10.29	3
30:	11.20	1.072	12.38	10.29	3
50:	10.96	.749	11.75	10.26	3
75:	7.22	1.079	8.46	6.47	3
100:	6.16	.398	6.50	5.72	3
125:	6.06	.416	6.35	5.58	3
150:	6.04	.450	6.43	5.55	3
175:	5.83	.388	6.18	5.42	3
200:	5.55	.297	5.82	5.23	3
225:	5.22	.310	5.52	4.90	3
250:	4.92	.210	5.13	4.71	3
300:	4.53	.089	4.63	4.46	3
400:	4.17	.030	4.20	4.14	3
500:	3.89	.114	3.97	3.76	3
600:	3.66	.091	3.73	3.56	3
700:	3.47	.072	3.53	3.39	3
800:	3.28	.056	3.33	3.22	3
900:	3.10	.045	3.14	3.05	3
1000:	2.93	.026	2.96	2.91	3
1200:	2.64	.026	2.67	2.62	3
1500:	2.22	.028	2.24	2.20	2
2000:	1.79	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	314.4	6.90	322.4	310.4	3
10:	313.5	8.39	323.0	307.0	3
20:	313.6	8.66	323.4	306.9	3
30:	313.7	8.77	323.6	306.9	3
50:	308.7	2.24	310.2	306.1	3
75:	236.5	12.16	246.0	222.8	3
100:	202.1	10.49	210.0	190.2	3
125:	177.1	12.02	190.9	168.9	3
150:	156.8	8.39	166.4	150.9	3
175:	141.3	7.44	149.8	136.0	3
200:	134.6	5.09	140.4	130.9	3
225:	129.1	5.50	135.1	124.3	3
250:	124.4	4.62	129.2	120.0	3
300:	117.3	2.85	119.8	114.2	3
400:	106.2	1.78	107.5	104.2	3
500:	97.0	2.25	98.8	94.5	3
600:	89.1	1.85	90.3	87.0	3
700:	82.5	1.63	83.6	80.6	3
800:	76.9	1.63	78.3	75.1	3
900:	71.7	2.11	73.7	69.5	3
1000:	67.3	2.35	69.6	64.9	3
1200:	59.8	2.07	61.7	57.6	3
1500:	50.6	2.12	52.0	49.0	2
2000:	42.1	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	3
10:	.31	.006	.32	.31	3
20:	.63	.017	.65	.62	3
30:	.94	.023	.97	.93	3
50:	1.58	.040	1.63	1.56	3
75:	2.26	.051	2.32	2.22	3
100:	2.81	.060	2.89	2.73	3
125:	3.29	.110	3.40	3.18	3
150:	3.71	.131	3.85	3.59	3
175:	4.09	.148	4.25	3.96	3
200:	4.44	.155	4.61	4.31	3
225:	4.77	.168	4.96	4.64	3
250:	5.09	.181	5.30	4.96	3
300:	5.72	.195	5.94	5.58	3
400:	6.86	.205	7.10	6.74	3
500:	7.92	.214	8.17	7.79	3
600:	8.90	.221	9.15	8.74	3
700:	9.81	.236	10.08	9.63	3
800:	10.67	.250	10.95	10.47	3
900:	11.48	.264	11.77	11.26	3
1000:	12.25	.283	12.56	12.01	3
1200:	13.65	.339	14.02	13.35	3
1500:	15.34	.219	15.50	15.19	2
2000:	18.30	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	3
10:	.02	.000	.02	.02	3
20:	.06	.006	.07	.06	3
30:	.10	.006	.15	.10	3
50:	.41	.012	.42	.40	3
75:	.84	.021	.86	.82	3
100:	1.32	.045	1.36	1.27	3
125:	1.87	.075	1.94	1.79	3
150:	2.46	.106	2.57	2.36	3
175:	3.09	.129	3.23	2.98	3
200:	3.75	.159	3.93	3.63	3
225:	4.48	.186	4.69	4.35	3
250:	5.25	.222	5.51	5.12	3
300:	7.00	.255	7.29	6.83	3
400:	11.09	.311	11.44	10.84	3
500:	15.95	.356	16.32	15.61	3
600:	21.43	.468	21.86	20.93	3
700:	27.48	.575	27.98	26.85	3
800:	34.02	.716	34.63	33.23	3
900:	41.01	.883	41.77	40.04	3
1000:	48.44	1.052	49.39	47.31	3
1200:	64.23	1.717	65.77	62.38	3
1500:	89.28	2.234	90.86	87.70	2
2000:	140.64	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

OCTOBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A	-----		0
10:		----- N/A	-----		0
20:		----- N/A	-----		0
30:		----- N/A	-----		0
50:		----- N/A	-----		0
75:		----- N/A	-----		0
100:		----- N/A	-----		0
125:		----- N/A	-----		0
150:		----- N/A	-----		0
175:		----- N/A	-----		0
200:		----- N/A	-----		0
225:		----- N/A	-----		0
250:		----- N/A	-----		0
300:		----- N/A	-----		0
400:		----- N/A	-----		0
500:		----- N/A	-----		0
600:		----- N/A	-----		0
700:		----- N/A	-----		0
800:		----- N/A	-----		0
900:		----- N/A	-----		0
1000:		----- N/A	-----		0
1200:		----- N/A	-----		0
1500:		----- N/A	-----		0
2000:		----- N/A	-----		0
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1491	4.0	1496	1486	3
10:	1491	4.0	1496	1488	3
20:	1491	4.0	1496	1488	3
30:	1492	3.6	1496	1489	3
50:	1491	3.1	1495	1489	3
75:	1478	4.4	1483	1475	3
100:	1474	1.5	1476	1473	3
125:	1475	1.7	1476	1473	3
150:	1475	1.5	1477	1474	3
175:	1475	1.5	1477	1474	3
200:	1475	1.0	1476	1474	3
225:	1474	1.0	1475	1473	3
250:	1473	.6	1474	1473	3
300:	1472	.6	1473	1472	3
400:	1473	.0	1473	1473	3
500:	1473	.6	1474	1473	3
600:	1474	.6	1475	1474	3
700:	1475	.6	1476	1475	3
800:	1476	.0	1476	1476	3
900:	1477	.0	1477	1477	3
1000:	1478	.0	1478	1478	3
1200:	1480	.0	1480	1480	3
1500:	1484	.0	1484	1484	2
2000:	1490	----- N/A	-----		1
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.243	.2844	12.558	12.005	3
10:	11.928	.2774	12.235	11.695	3
20:	11.614	.2705	11.912	11.384	3
30:	11.299	.2630	11.587	11.072	3
50:	10.661	.2461	10.931	10.449	3
75:	9.981	.2401	10.236	9.759	3
100:	9.438	.2320	9.670	9.206	3
125:	8.956	.2182	9.160	8.726	3
150:	8.535	.1993	8.712	8.319	3
175:	8.156	.1847	8.312	7.952	3
200:	7.807	.1705	7.946	7.617	3
225:	7.472	.1586	7.595	7.293	3
250:	7.150	.1448	7.256	6.985	3
300:	6.529	.1311	6.622	6.379	3
400:	5.380	.1096	5.458	5.255	3
500:	4.321	.0935	4.392	4.215	3
600:	3.344	.0716	3.405	3.265	3
700:	2.430	.0549	2.481	2.372	3
800:	1.575	.0370	1.611	1.537	3
900:	.767	.0180	.786	.750	3
1000:	.000	.0000	.000	.000	3
1200:	-1.408	.0608	-1.342	-1.462	3
1500:	-3.257	.1061	-3.182	-3.332	2
2000:	-6.131	----- N/A	-----		1
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

NOVEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.60	----- N/A	-----		1
10:	10.58	----- N/A	-----		1
20:	10.59	----- N/A	-----		1
30:	10.60	----- N/A	-----		1
50:	10.49	----- N/A	-----		1
75:	9.03	----- N/A	-----		1
100:	6.39	----- N/A	-----		1
125:	6.22	----- N/A	-----		1
150:	6.12	----- N/A	-----		1
175:	5.90	----- N/A	-----		1
200:	5.53	----- N/A	-----		1
225:	5.25	----- N/A	-----		1
250:	5.06	----- N/A	-----		1
300:	4.76	----- N/A	-----		1
400:	4.41	----- N/A	-----		1
500:	3.96	----- N/A	-----		1
600:	3.87	----- N/A	-----		1
700:	3.63	----- N/A	-----		1
800:	3.46	----- N/A	-----		1
900:	3.25	----- N/A	-----		1
1000:	3.06	----- N/A	-----		1
1200:	2.72	----- N/A	-----		1
1500:	2.34	----- N/A	-----		1
2000:	1.93	----- N/A	-----		1
2500:	1.71	----- N/A	-----		1
3000:	1.59	----- N/A	-----		1
3500:	1.56	----- N/A	-----		1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.518	----- N/A	-----		1
10:	32.479	----- N/A	-----		1
20:	32.483	----- N/A	-----		1
30:	32.483	----- N/A	-----		1
50:	32.487	----- N/A	-----		1
75:	32.597	----- N/A	-----		1
100:	32.925	----- N/A	-----		1
125:	33.352	----- N/A	-----		1
150:	33.682	----- N/A	-----		1
175:	33.798	----- N/A	-----		1
200:	33.838	----- N/A	-----		1
225:	33.859	----- N/A	-----		1
250:	33.881	----- N/A	-----		1
300:	33.931	----- N/A	-----		1
400:	34.020	----- N/A	-----		1
500:	34.072	----- N/A	-----		1
600:	34.156	----- N/A	-----		1
700:	34.220	----- N/A	-----		1
800:	34.275	----- N/A	-----		1
900:	34.325	----- N/A	-----		1
1000:	34.370	----- N/A	-----		1
1200:	34.410	----- N/A	-----		1
1500:	34.500	----- N/A	-----		1
2000:	34.572	----- N/A	-----		1
2500:	34.612	----- N/A	-----		1
3000:	34.645	----- N/A	-----		1
3500:	34.655	----- N/A	-----		1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.938	----- N/A	-----		1
10:	24.911	----- N/A	-----		1
20:	24.911	----- N/A	-----		1
30:	24.912	----- N/A	-----		1
50:	24.932	----- N/A	-----		1
75:	25.257	----- N/A	-----		1
100:	25.890	----- N/A	-----		1
125:	26.247	----- N/A	-----		1
150:	26.519	----- N/A	-----		1
175:	26.640	----- N/A	-----		1
200:	26.716	----- N/A	-----		1
225:	26.766	----- N/A	-----		1
250:	26.805	----- N/A	-----		1
300:	26.878	----- N/A	-----		1
400:	26.986	----- N/A	-----		1
500:	27.076	----- N/A	-----		1
600:	27.152	----- N/A	-----		1
700:	27.224	----- N/A	-----		1
800:	27.286	----- N/A	-----		1
900:	27.346	----- N/A	-----		1
1000:	27.400	----- N/A	-----		1
1200:	27.462	----- N/A	-----		1
1500:	27.565	----- N/A	-----		1
2000:	27.657	----- N/A	-----		1
2500:	27.706	----- N/A	-----		1
3000:	27.741	----- N/A	-----		1
3500:	27.751	----- N/A	-----		1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	302.6	----- N/A	-----		1
10:	305.3	----- N/A	-----		1
20:	305.5	----- N/A	-----		1
30:	305.7	----- N/A	-----		1
50:	304.1	----- N/A	-----		1
75:	273.5	----- N/A	-----		1
100:	213.3	----- N/A	-----		1
125:	179.7	----- N/A	-----		1
150:	154.2	----- N/A	-----		1
175:	143.0	----- N/A	-----		1
200:	136.0	----- N/A	-----		1
225:	131.4	----- N/A	-----		1
250:	127.8	----- N/A	-----		1
300:	121.3	----- N/A	-----		1
400:	111.8	----- N/A	-----		1
500:	103.7	----- N/A	-----		1
600:	97.3	----- N/A	-----		1
700:	91.0	----- N/A	-----		1
800:	85.6	----- N/A	-----		1
900:	80.2	----- N/A	-----		1
1000:	75.5	----- N/A	-----		1
1200:	70.0	----- N/A	-----		1
1500:	60.7	----- N/A	-----		1
2000:	52.6	----- N/A	-----		1
2500:	48.7	----- N/A	-----		1
3000:	46.2	----- N/A	-----		1
3500:	46.5	----- N/A	-----		1

NOVEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.60	----- N/A	-----		1
10:	10.58	----- N/A	-----		1
20:	10.59	----- N/A	-----		1
30:	10.59	----- N/A	-----		1
50:	10.49	----- N/A	-----		1
75:	9.02	----- N/A	-----		1
100:	6.38	----- N/A	-----		1
125:	6.21	----- N/A	-----		1
150:	6.11	----- N/A	-----		1
175:	5.88	----- N/A	-----		1
200:	5.51	----- N/A	-----		1
225:	5.23	----- N/A	-----		1
250:	5.04	----- N/A	-----		1
300:	4.74	----- N/A	-----		1
400:	4.38	----- N/A	-----		1
500:	3.92	----- N/A	-----		1
600:	3.82	----- N/A	-----		1
700:	3.60	----- N/A	-----		1
800:	3.40	----- N/A	-----		1
900:	3.18	----- N/A	-----		1
1000:	2.99	----- N/A	-----		1
1200:	2.64	----- N/A	-----		1
1500:	2.24	----- N/A	-----		1
2000:	1.79	----- N/A	-----		1
2500:	1.53	----- N/A	-----		1
3000:	1.37	----- N/A	-----		1
3500:	1.29	----- N/A	-----		1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	302.6	----- N/A	-----		1
10:	305.1	----- N/A	-----		1
20:	305.1	----- N/A	-----		1
30:	305.0	----- N/A	-----		1
50:	303.0	----- N/A	-----		1
75:	272.1	----- N/A	-----		1
100:	212.0	----- N/A	-----		1
125:	178.0	----- N/A	-----		1
150:	152.1	----- N/A	-----		1
175:	140.7	----- N/A	-----		1
200:	133.5	----- N/A	-----		1
225:	128.6	----- N/A	-----		1
250:	124.9	----- N/A	-----		1
300:	118.0	----- N/A	-----		1
400:	107.7	----- N/A	-----		1
500:	99.2	----- N/A	-----		1
600:	91.9	----- N/A	-----		1
700:	85.0	----- N/A	-----		1
800:	79.0	----- N/A	-----		1
900:	73.3	----- N/A	-----		1
1000:	68.2	----- N/A	-----		1
1200:	62.2	----- N/A	-----		1
1500:	52.3	----- N/A	-----		1
2000:	43.4	----- N/A	-----		1
2500:	38.6	----- N/A	-----		1
3000:	35.0	----- N/A	-----		1
3500:	33.7	----- N/A	-----		1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	----- N/A	-----		1
10:	.30	----- N/A	-----		1
20:	.61	----- N/A	-----		1
30:	.92	----- N/A	-----		1
50:	1.53	----- N/A	-----		1
75:	2.28	----- N/A	-----		1
100:	2.88	----- N/A	-----		1
125:	3.38	----- N/A	-----		1
150:	3.78	----- N/A	-----		1
175:	4.15	----- N/A	-----		1
200:	4.50	----- N/A	-----		1
225:	4.84	----- N/A	-----		1
250:	5.16	----- N/A	-----		1
300:	5.78	----- N/A	-----		1
400:	6.94	----- N/A	-----		1
500:	8.02	----- N/A	-----		1
600:	9.03	----- N/A	-----		1
700:	9.97	----- N/A	-----		1
800:	10.85	----- N/A	-----		1
900:	11.68	----- N/A	-----		1
1000:	12.45	----- N/A	-----		1
1200:	13.91	----- N/A	-----		1
1500:	15.87	----- N/A	-----		1
2000:	18.70	----- N/A	-----		1
2500:	21.21	----- N/A	-----		1
3000:	23.57	----- N/A	-----		1
3500:	25.87	----- N/A	-----		1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	----- N/A	-----		1
10:	.02	----- N/A	-----		1
20:	.06	----- N/A	-----		1
30:	.14	----- N/A	-----		1
50:	.39	----- N/A	-----		1
75:	.87	----- N/A	-----		1
100:	1.40	----- N/A	-----		1
125:	1.97	----- N/A	-----		1
150:	2.54	----- N/A	-----		1
175:	3.15	----- N/A	-----		1
200:	3.81	----- N/A	-----		1
225:	4.54	----- N/A	-----		1
250:	5.32	----- N/A	-----		1
300:	7.06	----- N/A	-----		1
400:	11.21	----- N/A	-----		1
500:	16.15	----- N/A	-----		1
600:	21.78	----- N/A	-----		1
700:	28.01	----- N/A	-----		1
800:	34.76	----- N/A	-----		1
900:	41.93	----- N/A	-----		1
1000:	49.44	----- N/A	-----		1
1200:	65.78	----- N/A	-----		1
1500:	92.70	----- N/A	-----		1
2000:	143.14	----- N/A	-----		1
2500:	200.73	----- N/A	-----		1
3000:	267.00	----- N/A	-----		1
3500:	343.22	----- N/A	-----		1

NOVEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.62	----- N/A -----			1
10:	6.60	----- N/A -----			1
20:	6.57	----- N/A -----			1
30:	6.56	----- N/A -----			1
50:	6.56	----- N/A -----			1
75:	6.56	----- N/A -----			1
100:	6.19	----- N/A -----			1
125:	5.10	----- N/A -----			1
150:	4.21	----- N/A -----			1
175:	3.76	----- N/A -----			1
200:	3.46	----- N/A -----			1
225:	3.09	----- N/A -----			1
250:	2.64	----- N/A -----			1
300:	1.91	----- N/A -----			1
400:	1.22	----- N/A -----			1
500:	1.07	----- N/A -----			1
600:	.70	----- N/A -----			1
700:	.60	----- N/A -----			1
800:	.52	----- N/A -----			1
900:	.52	----- N/A -----			1
1000:	.52	----- N/A -----			1
1200:	.48	----- N/A -----			1
1500:	.66	----- N/A -----			1
2000:	1.35	----- N/A -----			1
2500:	1.97	----- N/A -----			1
3000:	2.54	----- N/A -----			1
3500:	2.82	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1489	----- N/A -----			1
10:	1489	----- N/A -----			1
20:	1490	----- N/A -----			1
30:	1490	----- N/A -----			1
50:	1490	----- N/A -----			1
75:	1485	----- N/A -----			1
100:	1476	----- N/A -----			1
125:	1476	----- N/A -----			1
150:	1476	----- N/A -----			1
175:	1476	----- N/A -----			1
200:	1475	----- N/A -----			1
225:	1474	----- N/A -----			1
250:	1474	----- N/A -----			1
300:	1473	----- N/A -----			1
400:	1474	----- N/A -----			1
500:	1474	----- N/A -----			1
600:	1475	----- N/A -----			1
700:	1476	----- N/A -----			1
800:	1477	----- N/A -----			1
900:	1477	----- N/A -----			1
1000:	1478	----- N/A -----			1
1200:	1480	----- N/A -----			1
1500:	1484	----- N/A -----			1
2000:	1490	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.453	----- N/A -----			1
10:	12.148	----- N/A -----			1
20:	11.843	----- N/A -----			1
30:	11.537	----- N/A -----			1
50:	10.925	----- N/A -----			1
75:	10.168	----- N/A -----			1
100:	9.572	----- N/A -----			1
125:	9.077	----- N/A -----			1
150:	8.668	----- N/A -----			1
175:	8.299	----- N/A -----			1
200:	7.951	----- N/A -----			1
225:	7.617	----- N/A -----			1
250:	7.293	----- N/A -----			1
300:	6.672	----- N/A -----			1
400:	5.509	----- N/A -----			1
500:	4.432	----- N/A -----			1
600:	3.427	----- N/A -----			1
700:	2.486	----- N/A -----			1
800:	1.604	----- N/A -----			1
900:	.776	----- N/A -----			1
1000:	.000	----- N/A -----			1
1200:	-1.455	----- N/A -----			1
1500:	-3.413	----- N/A -----			1
2000:	-6.247	----- N/A -----			1
2500:	-8.756	----- N/A -----			1
3000:	-11.120	----- N/A -----			1
3500:	-13.420	----- N/A -----			1

DECEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.67	.911	10.19	7.41	11
10:	8.67	.921	10.15	7.41	11
20:	8.66	.909	10.14	7.41	11
30:	8.65	.904	10.13	7.40	11
50:	8.61	.888	10.14	7.40	11
75:	8.25	1.077	10.14	7.01	11
100:	6.43	.893	7.87	5.34	11
125:	5.98	.541	6.66	5.12	11
150:	5.95	.398	6.57	5.40	11
175:	5.76	.476	6.45	4.88	11
200:	5.51	.473	6.19	4.64	11
225:	5.25	.425	5.81	4.48	11
250:	5.01	.397	5.60	4.34	11
300:	4.64	.322	5.22	4.09	11
400:	4.22	.216	4.69	3.90	11
500:	4.03	.179	4.42	3.74	10
600:	3.81	.099	4.01	3.66	10
700:	3.59	.079	3.70	3.47	10
800:	3.38	.066	3.47	3.31	10
900:	3.21	.078	3.34	3.12	10
1000:	3.09	.262	3.12	2.95	10
1200:	2.74	.034	2.78	2.69	9
1500:	2.36	.048	2.44	2.29	8
2000:	1.95	.017	1.97	1.94	3
2500:	1.71	----- N/A -----			1
3000:	1.59	----- N/A -----			1
3500:	1.52	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.532	.1057	32.740	32.420	11
10:	32.516	.0926	32.648	32.402	11
20:	32.518	.0903	32.648	32.397	11
30:	32.521	.0877	32.648	32.401	11
50:	32.526	.0855	32.652	32.410	11
75:	32.568	.0978	32.708	32.413	11
100:	32.874	.1967	33.193	32.460	11
125:	33.242	.2281	33.584	32.932	11
150:	33.586	.1707	33.829	33.314	11
175:	33.761	.0903	33.884	33.587	11
200:	33.825	.0672	33.935	33.699	11
225:	33.845	.0526	33.950	33.745	11
250:	33.857	.0476	33.964	33.784	11
300:	33.893	.0376	33.982	33.837	11
400:	33.983	.0289	34.049	33.950	11
500:	34.081	.0241	34.135	34.040	10
600:	34.157	.0156	34.175	34.125	10
700:	34.222	.0150	34.235	34.186	10
800:	34.278	.0160	34.305	34.250	10
900:	34.327	.0145	34.350	34.302	10
1000:	34.366	.0132	34.386	34.343	10
1200:	34.429	.0161	34.456	34.397	9
1500:	34.504	.0182	34.527	34.470	8
2000:	34.580	.0112	34.593	34.573	3
2500:	34.621	----- N/A -----			1
3000:	34.647	----- N/A -----			1
3500:	34.666	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.258	.1590	25.495	25.047	11
10:	25.246	.1453	25.446	25.046	11
20:	25.249	.1402	25.446	25.041	11
30:	25.252	.1375	25.446	25.042	11
50:	25.263	.1311	25.446	25.045	11
75:	25.348	.1826	25.631	25.067	11
100:	25.840	.2206	26.122	25.428	11
125:	26.189	.1795	26.418	25.969	11
150:	26.465	.1347	26.620	26.281	11
175:	26.625	.0685	26.700	26.475	11
200:	26.706	.0463	26.758	26.590	11
225:	26.751	.0269	26.780	26.699	11
250:	26.790	.0226	26.808	26.743	11
300:	26.861	.0176	26.876	26.823	11
400:	26.977	.0194	26.997	26.936	11
500:	27.075	.0160	27.097	27.037	10
600:	27.158	.0166	27.182	27.128	10
700:	27.231	.0157	27.250	27.195	10
800:	27.296	.0163	27.324	27.265	10
900:	27.351	.0140	27.375	27.333	10
1000:	27.398	.0109	27.419	27.387	10
1200:	27.476	.0132	27.502	27.452	9
1500:	27.568	.0159	27.588	27.540	8
2000:	27.662	.0072	27.670	27.657	3
2500:	27.713	----- N/A -----			1
3000:	27.742	----- N/A -----			1
3500:	27.763	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	272.1	15.12	292.2	249.6	11
10:	271.4	13.83	292.5	254.4	11
20:	271.3	13.38	293.2	254.5	11
30:	271.2	13.12	293.2	254.7	11
50:	272.4	12.56	293.4	255.0	11
75:	264.7	17.50	292.2	237.6	11
100:	218.0	21.06	257.2	191.1	11
125:	185.1	17.03	206.2	163.3	11
150:	159.3	12.79	176.8	144.5	11
175:	144.3	6.55	158.7	137.2	11
200:	136.9	4.49	148.1	131.9	11
225:	132.6	2.68	138.0	130.0	11
250:	129.2	2.27	133.9	127.2	11
300:	122.8	1.80	126.6	121.0	11
400:	112.4	1.93	116.4	110.3	11
500:	103.9	1.61	107.6	101.7	10
600:	96.6	1.64	99.5	94.2	10
700:	90.2	1.57	93.7	88.3	10
800:	84.5	1.60	87.5	81.7	10
900:	79.7	1.40	81.6	77.3	10
1000:	75.5	1.09	76.6	73.4	10
1200:	68.7	1.26	70.9	66.1	9
1500:	60.5	1.49	63.1	58.4	8
2000:	52.3	.59	52.7	51.6	3
2500:	48.0	----- N/A -----			1
3000:	46.1	----- N/A -----			1
3500:	45.1	----- N/A -----			1

DECEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.67	.911	10.19	7.41	11
10:	8.66	.919	10.15	7.41	11
20:	8.66	.909	10.14	7.41	11
30:	8.65	.905	10.13	7.40	11
50:	8.60	.885	10.13	7.40	11
75:	8.24	1.077	10.13	7.00	11
100:	6.42	.893	7.86	5.33	11
125:	5.97	.541	6.65	5.11	11
150:	5.94	.397	6.56	5.39	11
175:	5.75	.473	6.43	4.87	11
200:	5.50	.470	6.17	4.63	11
225:	5.23	.425	5.79	4.46	11
250:	5.00	.397	5.56	4.32	11
300:	4.62	.320	5.19	4.07	11
400:	4.19	.216	4.66	3.87	11
500:	3.99	.179	4.39	3.71	10
600:	3.76	.099	3.96	3.61	10
700:	3.54	.078	3.65	3.42	10
800:	3.33	.063	3.41	3.26	10
900:	3.15	.079	3.28	3.06	10
1000:	2.97	.062	3.05	2.88	10
1200:	2.65	.037	2.70	2.60	9
1500:	2.25	.047	2.33	2.19	8
2000:	1.81	.017	1.83	1.80	3
2500:	1.53	----- N/A -----			1
3000:	1.37	----- N/A -----			1
3500:	1.25	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	272.1	15.12	292.2	249.6	11
10:	271.2	13.83	292.3	254.2	11
20:	272.9	13.34	292.8	254.2	11
30:	272.6	13.09	292.6	254.2	11
50:	271.5	12.48	292.3	254.2	11
75:	263.4	17.36	290.7	236.5	11
100:	216.7	20.97	255.8	189.9	11
125:	183.5	17.02	204.4	161.8	11
150:	157.3	12.79	174.7	142.6	11
175:	142.0	6.49	156.3	134.9	11
200:	134.4	4.39	145.4	129.4	11
225:	129.9	2.53	135.0	127.3	11
250:	126.3	2.13	130.8	124.6	11
300:	119.6	1.67	123.2	118.3	11
400:	108.6	1.82	112.4	106.7	11
500:	99.2	1.49	102.8	97.2	10
600:	91.3	1.54	94.1	89.1	10
700:	84.3	1.48	87.7	82.5	10
800:	78.1	1.54	81.0	75.4	10
900:	72.9	1.32	74.5	70.6	10
1000:	68.4	1.06	69.4	66.3	10
1200:	60.9	1.26	63.2	58.4	9
1500:	52.1	1.45	54.7	50.2	8
2000:	43.0	.67	43.4	42.2	3
2500:	37.9	----- N/A -----			1
3000:	34.8	----- N/A -----			1
3500:	32.6	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.27	.014	.29	.25	11
20:	.55	.028	.59	.51	11
30:	.82	.044	.88	.76	11
50:	1.37	.067	1.46	1.27	11
75:	2.05	.091	2.20	1.91	11
100:	2.65	.115	2.85	2.46	11
125:	3.15	.140	3.39	2.96	11
150:	3.58	.166	3.85	3.40	11
175:	3.96	.186	4.25	3.76	11
200:	4.31	.196	4.64	4.11	11
225:	4.65	.201	4.99	4.44	11
250:	4.98	.205	5.33	4.76	11
300:	5.60	.213	5.98	5.38	11
400:	6.78	.218	7.18	6.55	11
500:	7.85	.238	8.31	7.61	10
600:	8.85	.252	9.35	8.59	10
700:	9.78	.265	10.32	9.50	10
800:	10.66	.275	11.22	10.35	10
900:	11.48	.288	12.07	11.15	10
1000:	12.25	.297	12.86	11.90	10
1200:	13.70	.320	14.29	13.29	9
1500:	15.60	.326	16.20	15.15	8
2000:	18.38	.261	18.67	18.16	3
2500:	20.65	----- N/A -----			1
3000:	23.00	----- N/A -----			1
3500:	25.28	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.01	.000	.01	.01	11
20:	.05	.005	.06	.05	11
30:	.12	.005	.13	.12	11
50:	.35	.018	.37	.32	11
75:	.79	.033	.84	.73	11
100:	1.32	.060	1.42	1.22	11
125:	1.89	.097	2.03	1.78	11
150:	2.50	.147	2.69	2.33	11
175:	3.12	.181	3.38	2.94	11
200:	3.79	.200	4.12	3.60	11
225:	4.52	.216	4.89	4.32	11
250:	5.31	.226	5.70	5.10	11
300:	7.07	.249	7.52	6.82	11
400:	11.27	.284	11.81	10.99	11
500:	16.21	.356	16.95	15.91	10
600:	21.82	.436	22.78	21.39	10
700:	28.01	.535	29.22	27.45	10
800:	34.68	.638	36.13	33.94	10
900:	41.78	.758	43.44	40.82	10
1000:	49.30	.862	51.13	48.13	10
1200:	65.39	1.067	67.15	63.69	9
1500:	91.91	1.362	93.38	89.27	8
2000:	142.25	.794	142.73	141.33	3
2500:	198.35	----- N/A -----			1
3000:	264.01	----- N/A -----			1
3500:	339.48	----- N/A -----			1

DECEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1482	3.5	1488	1477	11
10:	1482	3.6	1488	1477	11
20:	1482	3.4	1488	1478	11
30:	1482	3.3	1488	1478	11
50:	1482	3.3	1489	1478	11
75:	1481	4.2	1489	1477	11
100:	1475	3.5	1481	1471	11
125:	1474	2.4	1478	1471	11
150:	1475	1.6	1478	1473	11
175:	1475	2.1	1478	1471	11
200:	1474	2.1	1478	1471	11
225:	1474	1.8	1477	1471	11
250:	1473	1.7	1476	1471	11
300:	1473	1.3	1475	1471	11
400:	1472	.9	1475	1472	11
500:	1473	.9	1476	1473	10
600:	1474	.6	1476	1474	10
700:	1475	.5	1476	1475	10
800:	1476	.5	1477	1476	10
900:	1477	.5	1478	1477	10
1000:	1478	.5	1479	1478	10
1200:	1480	.5	1481	1480	9
1500:	1484	.0	1484	1484	8
2000:	1490	.6	1491	1490	3
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.267	.3105	12.858	11.901	9
10:	11.994	.3031	12.569	11.647	9
20:	11.719	.2952	12.278	11.392	9
30:	11.445	.2882	11.989	11.138	9
50:	10.899	.2749	11.410	10.628	9
75:	10.219	.2604	10.686	9.955	9
100:	9.617	.2225	10.042	9.383	9
125:	9.113	.1887	9.502	8.927	9
150:	8.684	.1601	9.023	8.504	9
175:	8.306	.1406	8.606	8.138	9
200:	7.956	.1270	8.221	7.796	9
225:	7.619	.1190	7.865	7.465	9
250:	7.291	.1147	7.528	7.141	9
300:	6.662	.1048	6.879	6.521	9
400:	5.482	.0953	5.675	5.349	9
500:	4.403	.0803	4.553	4.267	9
600:	3.401	.0623	3.512	3.343	9
700:	2.468	.0459	2.541	2.398	9
800:	1.596	.0309	1.637	1.549	9
900:	.777	.0132	.793	.755	9
1000:	.000	.0000	.000	.000	9
1200:	-1.435	.0236	-1.388	-1.464	9
1500:	-3.367	.0567	-3.250	-3.436	8
2000:	-6.205	.0243	-6.189	-6.233	3
2500:	-8.682	----- N/A -----			1
3000:	-11.026	----- N/A -----			1
3500:	-13.305	----- N/A -----			1

Table 13. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 9.

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.41	----- N/A -----			1
23.8:	15.62	----- N/A -----			1
24.0:	14.41	.007	14.42	14.41	2
24.2:	14.14	.392	14.77	13.27	19
24.4:	13.18	.418	13.94	12.22	29
24.6:	12.20	.469	13.07	11.25	35
24.8:	11.21	.469	12.02	10.16	41
25.0:	10.15	.471	11.02	9.16	53
25.2:	9.08	.475	10.17	8.25	72
25.4:	7.97	.461	9.41	7.21	94
25.6:	6.96	.433	8.14	6.10	129
25.8:	6.27	.509	7.30	5.17	145
26.0:	6.02	.523	7.31	4.99	145
26.2:	5.96	.505	7.19	4.90	145
26.4:	5.94	.500	6.98	4.81	145
26.6:	5.80	.452	6.62	4.68	145
26.8:	4.98	.280	5.64	4.31	145
27.0:	4.18	.172	4.64	3.68	132
27.2:	3.70	.095	4.03	3.47	125
27.4:	3.06	.064	3.26	2.87	121
27.6:	2.24	.058	2.41	2.16	54

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	32.298	----- N/A -----			1
23.8:	32.328	----- N/A -----			1
24.0:	32.303	.0672	32.351	32.256	2
24.2:	32.462	.0903	32.605	32.289	19
24.4:	32.487	.0839	32.640	32.333	29
24.6:	32.517	.0884	32.672	32.351	35
24.8:	32.538	.0873	32.727	32.368	41
25.0:	32.548	.0921	32.777	32.381	53
25.2:	32.566	.0992	32.820	32.380	72
25.4:	32.594	.0903	32.859	32.440	94
25.6:	32.664	.0778	32.891	32.515	129
25.8:	32.803	.0843	32.982	32.629	145
26.0:	33.016	.0832	33.227	32.854	145
26.2:	33.260	.0791	33.461	33.096	145
26.4:	33.507	.0778	33.675	33.341	145
26.6:	33.737	.0696	33.870	33.571	145
26.8:	33.865	.0406	33.963	33.771	145
27.0:	34.007	.0227	34.068	33.943	132
27.2:	34.197	.0120	34.239	34.169	125
27.4:	34.371	.0075	34.394	34.351	121
27.6:	34.535	.0052	34.550	34.525	54

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	9	----- N/A -----			1
23.8:	29	----- N/A -----			1
24.0:	27	8.5	33	21	2
24.2:	22	7.5	36	10	19
24.4:	26	8.4	39	7	29
24.6:	29	8.9	48	11	35
24.8:	32	10.5	52	6	41
25.0:	37	10.7	68	8	53
25.2:	41	14.9	81	3	72
25.4:	54	19.2	101	6	94
25.6:	74	22.7	124	8	129
25.8:	98	18.9	152	7	145
26.0:	115	13.6	161	85	145
26.2:	128	14.0	181	97	145
26.4:	143	15.0	202	115	145
26.6:	172	19.5	254	141	145
26.8:	255	28.6	369	186	145
27.0:	413	34.1	549	322	132
27.2:	639	35.6	781	529	125
27.4:	978	40.9	1141	892	121
27.6:	1608	70.1	1711	1407	54

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	430.3	----- N/A -----			1
23.8:	411.8	----- N/A -----			1
24.0:	392.4	.07	392.5	392.4	2
24.2:	373.3	.18	373.6	373.0	19
24.4:	354.3	.20	354.6	353.8	29
24.6:	335.2	.22	335.9	334.7	35
24.8:	316.1	.23	316.8	315.6	41
25.0:	297.2	.24	298.0	296.7	53
25.2:	278.2	.27	279.0	277.7	72
25.4:	259.4	.29	260.2	258.7	94
25.6:	240.5	.31	241.3	239.7	129
25.8:	221.7	.28	222.6	220.6	145
26.0:	202.9	.25	203.9	202.5	145
26.2:	184.1	.27	185.2	183.7	145
26.4:	165.3	.29	166.5	164.8	145
26.6:	146.7	.37	148.1	146.1	145
26.8:	128.4	.41	129.7	127.5	145
27.0:	110.4	.41	111.7	109.5	132
27.2:	92.9	.34	93.9	91.9	125
27.4:	75.3	.25	76.1	74.7	121
27.6:	57.9	.25	58.4	57.3	54

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.41	----- N/A -----			1
23.8:	15.61	----- N/A -----			1
24.0:	14.41	.007	14.42	14.41	2
24.2:	14.14	.395	14.77	13.26	19
24.4:	13.17	.418	13.93	12.21	29
24.6:	12.19	.469	13.07	11.25	35
24.8:	11.20	.469	12.02	10.16	41
25.0:	10.14	.472	11.02	9.16	53
25.2:	9.08	.475	10.16	8.24	72
25.4:	7.96	.461	9.40	7.20	94
25.6:	6.96	.432	8.13	6.10	129
25.8:	6.26	.508	7.29	5.16	145
26.0:	6.01	.523	7.30	4.98	145
26.2:	5.95	.504	7.17	4.89	145
26.4:	5.93	.499	6.96	4.80	145
26.6:	5.79	.450	6.60	4.67	145
26.8:	4.95	.278	5.62	4.29	145
27.0:	4.15	.171	4.60	3.65	132
27.2:	3.65	.094	3.97	3.43	125
27.4:	2.99	.065	3.19	2.80	121
27.6:	2.13	.063	2.31	2.04	54

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	429.8	----- N/A -----			1
23.8:	410.6	----- N/A -----			1
24.0:	387.8	5.09	391.4	384.2	2
24.2:	370.8	3.31	372.8	360.4	19
24.4:	350.3	3.87	353.7	339.7	29
24.6:	330.1	4.28	334.7	321.1	35
24.8:	311.2	4.17	315.6	301.6	41
25.0:	293.1	3.51	303.3	284.3	53
25.2:	275.3	2.34	277.6	268.7	72
25.4:	257.2	1.39	258.6	252.1	94
25.6:	239.7	.81	239.6	235.7	129
25.8:	219.8	.60	220.5	217.6	145
26.0:	200.9	.43	201.5	199.4	145
26.2:	181.9	.39	182.5	181.0	145
26.4:	163.1	.22	163.5	162.5	145
26.6:	144.3	.09	144.5	144.1	145
26.8:	125.3	.13	125.5	124.7	145
27.0:	106.2	.11	106.4	106.0	132
27.2:	87.2	.07	87.4	87.1	125
27.4:	68.1	.07	68.2	67.9	121
27.6:	48.7	.13	49.0	48.5	54

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.38	----- N/A -----			1
23.8:	1.26	----- N/A -----			1
24.0:	1.11	.403	1.40	.83	2
24.2:	.86	.309	1.52	.38	19
24.4:	1.00	.330	1.63	.24	29
24.6:	1.10	.343	1.73	.38	35
24.8:	1.16	.395	1.83	.19	41
25.0:	1.29	.382	2.10	.25	53
25.2:	1.35	.500	2.37	.09	72
25.4:	1.65	.565	2.72	.17	94
25.6:	2.08	.623	3.25	.19	129
25.8:	2.60	.510	3.72	.15	145
26.0:	2.96	.383	4.06	2.18	145
26.2:	3.21	.393	4.45	2.38	145
26.4:	3.48	.411	4.81	2.78	145
26.6:	3.92	.466	5.75	2.96	145
26.8:	5.07	.569	7.35	3.57	145
27.0:	6.94	.621	9.53	5.17	132
27.2:	9.26	.632	11.90	7.27	125
27.4:	12.10	.660	15.00	10.32	121
27.6:	16.32	.646	17.75	14.68	54

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.02	----- N/A -----			1
23.8:	.19	----- N/A -----			1
24.0:	.16	.099	.23	.09	2
24.2:	.11	.072	.27	.02	19
24.4:	.15	.084	.32	.01	29
24.6:	.18	.099	.42	.02	35
24.8:	.21	.116	.49	.01	41
25.0:	.26	.140	.74	.01	53
25.2:	.31	.203	.98	.00	72
25.4:	.50	.304	1.41	.01	94
25.6:	.84	.415	2.04	.01	129
25.8:	1.30	.425	2.90	.01	145
26.0:	1.68	.397	3.21	.90	145
26.2:	1.99	.443	3.91	1.11	145
26.4:	2.37	.518	4.61	1.47	145
26.6:	3.09	.717	6.49	2.02	145
26.8:	5.64	1.267	11.53	3.04	145
27.0:	12.11	2.099	21.80	7.20	132
27.2:	24.52	2.993	37.94	16.32	125
27.4:	48.11	4.421	68.35	38.44	121
27.6:	103.45	8.222	116.49	80.70	54

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.760	----- N/A -----			1
23.8:	11.880	----- N/A -----			1
24.0:	11.751	.0226	11.767	11.735	2
24.2:	11.660	.2700	12.329	11.183	16
24.4:	11.461	.2836	12.108	11.014	23
24.6:	11.386	.3089	12.082	10.878	28
24.8:	11.297	.3305	12.100	10.763	34
25.0:	11.162	.4335	12.658	10.275	45
25.2:	10.999	.4684	12.660	10.099	60
25.4:	10.663	.4842	11.999	9.694	78
25.6:	10.146	.4600	11.970	9.352	107
25.8:	9.613	.3280	10.825	8.889	120
26.0:	9.257	.2785	10.118	8.695	121
26.2:	9.001	.2783	9.951	8.481	121
26.4:	8.732	.2551	9.742	8.167	121
26.6:	8.293	.1901	8.733	7.605	121
26.8:	7.132	.2194	7.509	6.349	122
27.0:	5.239	.2641	5.851	4.242	121
27.2:	2.948	.2645	3.755	1.870	121
27.4:	.086	.3115	.724	-1.222	120
27.6:	-4.085	.4814	-2.680	-4.782	54

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	13.135	----- N/A -----			1
23.8:	13.087	----- N/A -----			1
24.0:	12.806	.3104	13.026	12.587	2
24.2:	12.529	.3014	13.005	11.864	16
24.4:	12.438	.2552	12.948	11.834	23
24.6:	12.373	.2564	12.882	11.799	28
24.8:	12.304	.2387	12.808	11.758	34
25.0:	12.282	.3500	13.734	11.713	45
25.2:	12.187	.3614	13.656	11.665	60
25.4:	12.102	.3369	13.541	11.611	78
25.6:	11.979	.3399	13.353	11.023	107
25.8:	11.809	.3107	13.117	10.983	120
26.0:	11.603	.2944	12.847	10.843	121
26.2:	11.373	.2814	12.544	10.639	121
26.4:	11.118	.2686	12.208	10.404	121
26.6:	10.829	.2501	11.806	10.147	121
26.8:	10.447	.2126	11.247	9.852	122
27.0:	9.852	.1588	10.423	9.400	121
27.2:	8.934	.0962	9.266	8.663	121
27.4:	7.529	.0258	7.591	7.460	120
27.6:	5.332	.0510	5.471	5.244	54

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:		----- N/A -----			0
23.8:		----- N/A -----			0
24.0:		----- N/A -----			0
24.2:	6.24	----- N/A -----			1
24.4:	6.18	.240	6.35	6.01	2
24.6:	6.50	.136	6.65	6.39	3
24.8:	6.63	.142	6.79	6.54	3
25.0:	6.68	.133	6.87	6.56	4
25.2:	6.75	.145	6.94	6.56	5
25.4:	6.91	.300	7.42	6.55	6
25.6:	6.85	.278	7.29	6.44	8
25.8:	6.57	.241	6.87	6.03	10
26.0:	6.07	.245	6.29	5.64	10
26.2:	5.37	.332	5.79	4.67	10
26.4:	4.66	.607	5.48	3.19	10
26.6:	4.04	.765	5.20	2.85	10
26.8:	3.03	.330	3.52	2.42	10
27.0:	1.42	.166	1.64	1.19	8
27.2:	.63	.071	.74	.54	8
27.4:	.48	.122	.75	.35	8
27.6:	.95	.115	1.20	.84	8

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	1509	----- N/A -----			1
23.8:	1507	----- N/A -----			1
24.0:	1503	.0	1503	1503	2
24.2:	1501	1.3	1504	1499	19
24.4:	1498	1.4	1501	1496	29
24.6:	1495	1.4	1499	1492	35
24.8:	1492	1.7	1495	1488	41
25.0:	1488	1.9	1492	1485	53
25.2:	1484	2.0	1489	1481	72
25.4:	1480	1.9	1486	1477	94
25.6:	1477	1.9	1482	1473	129
25.8:	1474	2.3	1480	1470	145
26.0:	1474	2.3	1481	1470	145
26.2:	1474	2.2	1481	1470	145
26.4:	1475	2.2	1481	1470	145
26.6:	1475	2.1	1480	1471	145
26.8:	1473	1.5	1478	1470	145
27.0:	1473	1.2	1476	1470	132
27.2:	1475	.8	1477	1473	125
27.4:	1478	.7	1480	1477	121
27.6:	1485	1.0	1487	1483	54

Table 14. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, by months, for Station 9.

JANUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.79	.324	8.37	7.36	8
25.6:	7.14	.475	7.81	6.16	11
25.8:	6.51	.658	7.30	5.23	11
26.0:	6.08	.658	6.85	5.00	11
26.2:	5.91	.612	6.62	4.90	11
26.4:	5.85	.484	6.50	5.02	11
26.6:	5.75	.367	6.20	4.98	11
26.8:	5.04	.263	5.36	4.50	11
27.0:	4.16	.166	4.43	3.90	9
27.2:	3.66	.091	3.82	3.56	9
27.4:	3.05	.082	3.17	2.95	8
27.6:	2.28	.078	2.34	2.23	2

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.552	.0624	32.658	32.466	8
25.6:	32.704	.0815	32.826	32.533	11
25.8:	32.850	.1134	32.982	32.634	11
26.0:	33.027	.1026	33.148	32.865	11
26.2:	33.251	.0963	33.364	33.096	11
26.4:	33.493	.0750	33.594	33.364	11
26.6:	33.729	.0561	33.799	33.606	11
26.8:	33.874	.0376	33.920	33.797	11
27.0:	34.006	.0219	34.042	33.974	9
27.2:	34.192	.0115	34.212	34.179	9
27.4:	34.370	.0098	34.384	34.358	8
27.6:	34.539	.0075	34.544	34.534	2

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	74	14.1	101	55	8
25.6:	88	12.4	109	64	11
25.8:	98	12.6	117	73	11
26.0:	111	13.7	131	89	11
26.2:	126	14.0	146	106	11
26.4:	143	15.0	165	121	11
26.6:	172	17.6	193	141	11
26.8:	252	22.2	292	220	11
27.0:	407	28.0	440	358	9
27.2:	631	32.4	679	578	9
27.4:	964	37.7	1021	902	8
27.6:	1528	91.2	1593	1464	2

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.7	.24	260.2	259.4	8
25.6:	240.7	.27	241.1	240.3	11
25.8:	221.7	.24	222.1	221.4	11
26.0:	202.9	.25	203.3	202.5	11
26.2:	184.1	.28	184.4	183.7	11
26.4:	165.3	.29	165.7	164.9	11
26.6:	146.7	.27	147.1	146.3	11
26.8:	128.3	.33	128.9	127.7	11
27.0:	110.3	.37	110.7	109.6	9
27.2:	92.7	.30	93.3	92.2	9
27.4:	75.2	.28	75.7	74.8	8
27.6:	57.6	.28	57.8	57.4	2

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.79	.324	8.36	7.35	8
25.6:	7.14	.476	7.80	6.15	11
25.8:	6.50	.655	7.29	5.23	11
26.0:	6.07	.657	6.84	4.99	11
26.2:	5.90	.611	6.61	4.89	11
26.4:	5.84	.482	6.48	5.01	11
26.6:	5.74	.367	6.19	4.93	11
26.8:	5.02	.261	5.33	4.48	11
27.0:	4.13	.165	4.40	3.87	9
27.2:	3.61	.092	3.78	3.51	9
27.4:	2.98	.082	3.10	2.88	8
27.6:	2.18	.085	2.24	2.12	2

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	257.9	.66	258.5	257.0	8
25.6:	238.0	1.06	239.4	236.5	11
25.8:	219.3	.84	220.5	217.6	11
26.0:	200.9	.37	201.4	200.2	11
26.2:	182.0	.28	182.5	181.6	11
26.4:	163.1	.23	163.4	162.7	11
26.6:	144.3	.09	144.4	144.1	11
26.8:	125.3	.08	125.5	125.2	11
27.0:	106.2	.13	106.4	106.1	9
27.2:	87.2	.04	87.3	87.2	9
27.4:	68.2	.05	68.2	68.1	8
27.6:	48.8	.21	49.0	48.7	2

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	2.01	.385	2.72	1.49	8
25.6:	2.32	.310	2.92	1.72	11
25.8:	2.55	.308	3.11	1.92	11
26.0:	2.83	.316	3.35	2.26	11
26.2:	3.12	.316	3.63	2.59	11
26.4:	3.42	.333	3.91	2.85	11
26.6:	3.87	.373	4.33	3.18	11
26.8:	4.96	.427	5.63	4.29	11
27.0:	6.80	.489	7.52	6.08	9
27.2:	9.07	.527	9.98	8.29	9
27.4:	11.86	.558	12.67	10.99	8
27.6:	15.84	.092	15.91	15.78	2

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.80	.303	1.41	.42	8
25.6:	1.07	.289	1.63	.55	11
25.8:	1.28	.314	1.84	.70	11
26.0:	1.59	.368	2.14	.97	11
26.2:	1.95	.410	2.53	1.31	11
26.4:	2.36	.482	3.02	1.61	11
26.6:	3.09	.607	3.79	2.05	11
26.8:	5.48	.948	7.16	4.12	11
27.0:	11.72	1.588	13.78	9.14	9
27.2:	23.83	2.533	27.82	19.73	9
27.4:	46.64	3.896	52.20	40.13	8
27.6:	95.20	7.333	100.39	90.02	2

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.148	.1871	10.359	9.899	6
25.6:	9.822	.2262	10.082	9.416	7
25.8:	9.601	.2529	9.860	9.130	7
26.0:	9.279	.2578	9.673	8.856	7
26.2:	8.981	.2696	9.439	8.562	7
26.4:	8.699	.2965	9.098	8.331	7
26.6:	8.283	.2945	8.529	7.863	7
26.8:	7.237	.1638	7.417	6.936	7
27.0:	5.308	.2125	5.576	5.071	7
27.2:	2.971	.2489	3.360	2.648	7
27.4:	.155	.2793	.659	-.237	7
27.6:	-3.556	.5657	-3.156	-3.956	2

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	12.075	.3252	12.546	11.650	6
25.6:	11.868	.3091	12.344	11.536	7
25.8:	11.696	.2929	12.129	11.350	7
26.0:	11.505	.2732	11.899	11.155	7
26.2:	11.284	.2567	11.642	10.929	7
26.4:	11.035	.2411	11.357	10.676	7
26.6:	10.751	.2264	11.042	10.387	7
26.8:	10.388	.2039	10.644	10.038	7
27.0:	9.611	.1618	10.011	9.530	7
27.2:	8.908	.0986	9.035	8.734	7
27.4:	7.518	.0329	7.574	7.471	7
27.6:	5.343	.0092	5.350	5.337	2

JANUARY

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	-----	N/A	-----		0
25.6:	-----	N/A	-----		0
25.8:	-----	N/A	-----		0
26.0:	-----	N/A	-----		0
26.2:	-----	N/A	-----		0
26.4:	-----	N/A	-----		0
26.6:	-----	N/A	-----		0
26.8:	-----	N/A	-----		0
27.0:	-----	N/A	-----		0
27.2:	-----	N/A	-----		0
27.4:	-----	N/A	-----		0
27.6:	-----	N/A	-----		0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1480	1.5	1483	1478	8
25.6:	1478	2.1	1481	1474	11
25.8:	1475	2.9	1479	1470	11
26.0:	1474	2.9	1478	1470	11
26.2:	1474	2.7	1478	1470	11
26.4:	1474	2.2	1478	1471	11
26.6:	1475	1.6	1477	1472	11
26.8:	1473	1.3	1475	1471	11
27.0:	1472	1.2	1474	1471	9
27.2:	1474	.7	1476	1474	9
27.4:	1478	.8	1479	1477	8
27.6:	1484	.7	1485	1484	2

FEBRUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.87	.472	7.54	6.42	5
25.8:	6.17	.641	7.03	5.17	9
26.0:	6.01	.582	6.61	5.04	9
26.2:	5.84	.567	6.40	4.91	9
26.4:	5.73	.564	6.32	4.81	9
26.6:	5.65	.586	6.18	4.68	9
26.8:	4.94	.344	5.38	4.38	9
27.0:	4.19	.205	4.44	3.88	9
27.2:	3.69	.141	3.87	3.48	9
27.4:	3.06	.085	3.25	2.97	9
27.6:	2.26	.109	2.41	2.18	4

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	32.644	.0842	32.766	32.570	5
25.8:	32.792	.1065	32.941	32.629	9
26.0:	33.016	.0875	33.103	32.874	9
26.2:	33.284	.0871	33.333	33.099	9
26.4:	33.478	.0856	33.569	33.341	9
26.6:	33.715	.0872	33.795	33.571	9
26.8:	33.859	.0489	33.923	33.780	9
27.0:	34.010	.0276	34.044	33.968	9
27.2:	34.196	.0177	34.220	34.170	9
27.4:	34.372	.0101	34.394	34.362	9
27.6:	34.537	.0086	34.550	34.531	4

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	96	9.0	104	83	5
25.8:	112	6.7	126	103	9
26.0:	122	7.1	136	112	9
26.2:	133	8.1	146	121	9
26.4:	146	9.1	161	134	9
26.6:	171	12.9	190	149	9
26.8:	252	20.5	286	225	9
27.0:	414	28.0	464	382	9
27.2:	635	18.9	653	594	9
27.4:	971	25.9	1033	951	9
27.6:	1619	86.7	1675	1491	4

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	240.8	.18	241.0	240.6	5
25.8:	221.8	.15	222.0	221.6	9
26.0:	203.0	.18	203.2	202.7	9
26.2:	184.1	.20	184.4	183.8	9
26.4:	165.3	.22	165.7	165.0	9
26.6:	146.6	.32	147.1	146.2	9
26.8:	128.3	.35	128.7	127.7	9
27.0:	110.4	.41	111.1	109.9	9
27.2:	92.8	.29	93.3	92.5	9
27.4:	75.3	.26	75.8	75.0	9
27.6:	58.0	.19	58.1	57.8	4

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.86	.470	7.53	6.42	5
25.8:	6.17	.639	7.02	5.16	9
26.0:	6.00	.582	6.60	5.03	9
26.2:	5.83	.565	6.39	4.90	9
26.4:	5.72	.564	6.31	4.80	9
26.6:	5.64	.585	6.16	4.67	9
26.8:	4.92	.343	5.36	4.36	9
27.0:	4.16	.203	4.40	3.85	9
27.2:	3.64	.142	3.83	3.43	9
27.4:	3.00	.084	3.18	2.91	9
27.6:	2.14	.113	2.31	2.06	4

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	238.9	.36	239.3	238.5	5
25.8:	219.6	.52	220.2	218.7	9
26.0:	200.8	.56	201.4	200.0	9
26.2:	181.7	.34	182.2	181.3	9
26.4:	163.0	.23	163.4	162.7	9
26.6:	144.3	.10	144.5	144.2	9
26.8:	125.4	.10	125.5	125.2	9
27.0:	106.2	.11	106.4	106.1	9
27.2:	87.2	.07	87.3	87.1	9
27.4:	68.1	.06	68.2	68.0	9
27.6:	48.7	.20	49.0	48.6	4

FEBRUARY

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	2.41	.240	2.61	2.06	5
25.8:	2.71	.146	2.93	2.53	9
26.0:	2.94	.135	3.14	2.73	9
26.2:	3.15	.169	3.36	2.90	9
26.4:	3.38	.192	3.70	3.12	9
26.6:	3.77	.260	4.16	3.36	9
26.8:	4.87	.370	5.50	4.37	9
27.0:	6.82	.450	7.63	6.34	9
27.2:	9.07	.339	9.57	8.52	9
27.4:	11.90	.317	12.45	11.52	9
27.6:	16.37	.469	16.83	15.72	4

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1.20	.221	1.38	.88	5
25.8:	1.56	.172	1.90	1.33	9
26.0:	1.83	.188	2.19	1.54	9
26.2:	2.11	.233	2.47	1.75	9
26.4:	2.44	.287	2.89	2.04	9
26.6:	3.08	.416	3.70	2.39	9
26.8:	5.49	.824	6.90	4.47	9
27.0:	12.14	1.598	15.10	10.34	9
27.2:	24.23	1.573	26.18	21.16	9
27.4:	47.42	2.523	53.30	44.83	9
27.6:	105.33	8.847	111.10	92.14	4

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	9.707	.1563	9.869	9.539	5
25.8:	9.327	.1922	9.578	9.042	9
26.0:	9.099	.1862	9.339	8.826	9
26.2:	8.892	.1589	9.089	8.630	9
26.4:	8.662	.1666	8.873	8.364	9
26.6:	8.272	.1665	8.565	8.045	9
26.8:	7.171	.1886	7.438	6.897	9
27.0:	5.225	.2422	5.467	4.765	9
27.2:	2.969	.1482	3.299	2.825	9
27.4:	.145	.1972	.298	-.327	9
27.6:	-4.176	.5653	-3.332	-4.520	4

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	12.046	.2206	12.283	11.766	5
25.8:	11.831	.1707	12.081	11.590	9
26.0:	11.607	.1687	11.860	11.380	9
26.2:	11.364	.1637	11.612	11.156	9
26.4:	11.100	.1554	11.343	10.915	9
26.6:	10.808	.1504	11.046	10.630	9
26.8:	10.430	.1276	10.611	10.262	9
27.0:	9.838	.0991	9.980	9.707	9
27.2:	8.921	.0595	9.047	8.851	9
27.4:	7.529	.0249	7.575	7.500	9
27.6:	5.328	.0384	5.377	5.284	4

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.44	----- N/A -----			1
25.8:	6.03	----- N/A -----			1
26.0:	5.67	----- N/A -----			1
26.2:	5.19	----- N/A -----			1
26.4:	4.45	----- N/A -----			1
26.6:	3.65	----- N/A -----			1
26.8:	2.78	----- N/A -----			1
27.0:	1.26	----- N/A -----			1
27.2:	.59	----- N/A -----			1
27.4:	.48	----- N/A -----			1
27.6:	.84	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1476	2.2	1480	1475	5
25.8:	1474	2.5	1478	1471	9
26.0:	1474	2.4	1477	1471	9
26.2:	1474	2.3	1477	1471	9
26.4:	1474	2.3	1477	1471	9
26.6:	1474	2.4	1477	1471	9
26.8:	1473	1.6	1475	1471	9
27.0:	1473	1.2	1475	1472	9
27.2:	1474	.8	1476	1474	9
27.4:	1478	.4	1479	1478	9
27.6:	1485	1.0	1486	1484	4

MARCH

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.89	.221	7.15	6.54	8
25.8:	6.64	.301	7.01	6.07	11
26.0:	6.51	.357	6.90	5.88	11
26.2:	6.41	.396	6.86	5.62	11
26.4:	6.35	.409	6.90	5.50	11
26.6:	6.20	.371	6.62	5.50	11
26.8:	5.22	.244	5.64	4.83	11
27.0:	4.27	.118	4.43	4.11	11
27.2:	3.75	.069	3.88	3.67	10
27.4:	3.07	.052	3.15	2.97	10
27.6:	2.23	.037	2.28	2.20	4

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	32.643	.0358	32.689	32.591	8
25.8:	32.860	.0473	32.915	32.777	11
26.0:	33.095	.0558	33.157	32.994	11
26.2:	33.330	.0611	33.399	33.209	11
26.4:	33.571	.0648	33.660	33.437	11
26.6:	33.799	.0590	33.870	33.690	11
26.8:	33.900	.0362	33.963	33.842	11
27.0:	34.019	.0159	34.041	33.997	11
27.2:	34.204	.0084	34.219	34.194	10
27.4:	34.372	.0056	34.382	34.362	10
27.6:	34.535	.0041	34.539	34.530	4

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	71	39.7	104	8	8
25.8:	110	12.0	133	95	11
26.0:	121	12.0	140	104	11
26.2:	133	12.4	147	114	11
26.4:	151	16.0	180	130	11
26.6:	182	18.9	222	156	11
26.8:	273	28.8	342	236	11
27.0:	431	30.0	480	386	11
27.2:	650	32.7	707	587	10
27.4:	986	41.9	1045	912	10
27.6:	1614	28.0	1654	1589	4

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	240.5	.52	241.0	239.7	8
25.8:	222.0	.20	222.3	221.7	11
26.0:	203.1	.24	203.4	202.7	11
26.2:	184.3	.27	184.6	183.8	11
26.4:	165.6	.30	166.1	165.0	11
26.6:	147.0	.35	147.6	146.4	11
26.8:	128.7	.37	129.4	128.1	11
27.0:	110.6	.35	111.3	110.1	11
27.2:	93.0	.35	93.6	92.4	10
27.4:	75.4	.25	75.7	74.9	10
27.6:	57.9	.19	58.0	57.6	4

MARCH

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.88	.220	7.15	6.54	8
25.8:	6.63	.301	7.00	6.06	11
26.0:	6.50	.357	6.89	5.87	11
26.2:	6.40	.396	6.85	5.61	11
26.4:	6.33	.408	6.89	5.49	11
26.6:	6.18	.367	6.60	5.49	11
26.8:	5.20	.243	5.62	4.81	11
27.0:	4.24	.117	4.40	4.09	11
27.2:	3.70	.068	3.83	3.62	10
27.4:	3.00	.052	3.09	2.90	10
27.6:	2.12	.037	2.17	2.09	4

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	239.2	.23	239.5	238.9	8
25.8:	219.9	.43	220.4	219.1	11
26.0:	200.7	.49	201.4	199.7	11
26.2:	182.0	.28	182.4	181.6	11
26.4:	163.2	.14	163.4	163.0	11
26.6:	144.3	.07	144.4	144.2	11
26.8:	125.3	.17	125.4	124.8	11
27.0:	106.2	.10	106.4	106.1	11
27.2:	87.2	.07	87.3	87.1	10
27.4:	68.1	.07	68.2	68.0	10
27.6:	48.7	.13	48.9	48.6	4

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1.78	1.012	2.67	.19	8
25.8:	2.69	.331	3.14	2.23	11
26.0:	2.93	.334	3.36	2.42	11
26.2:	3.15	.348	3.60	2.61	11
26.4:	3.46	.409	4.13	2.99	11
26.6:	3.96	.429	4.78	3.39	11
26.8:	5.21	.546	6.45	4.48	11
27.0:	7.11	.533	8.14	6.30	11
27.2:	9.38	.553	10.45	8.36	10
27.4:	12.21	.619	13.31	11.08	10
27.6:	16.33	.284	16.63	15.97	4

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	.83	.552	1.42	.01	8
25.8:	1.53	.348	2.14	1.10	11
26.0:	1.82	.375	2.35	1.29	11
26.2:	2.11	.413	2.61	1.50	11
26.4:	2.57	.556	3.54	1.89	11
26.6:	3.42	.707	4.88	2.48	11
26.8:	6.37	1.358	9.69	4.67	11
27.0:	13.25	1.895	16.82	10.46	11
27.2:	25.72	2.757	30.84	20.58	10
27.4:	49.40	4.471	56.44	41.52	10
27.6:	104.97	3.957	110.46	101.15	4

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	10.275	.7914	11.970	9.668	7
25.8:	9.532	.2697	9.996	9.185	10
26.0:	9.284	.2516	9.766	9.033	10
26.2:	9.059	.2347	9.578	8.798	10
26.4:	8.741	.1929	9.188	8.516	10
26.6:	8.243	.1238	8.471	8.090	10
26.8:	6.977	.2204	7.208	6.441	10
27.0:	5.063	.2080	5.361	4.723	10
27.2:	2.859	.2373	3.324	2.441	10
27.4:	.030	.3165	.587	-.419	10
27.6:	-4.140	.2206	-3.913	-4.441	4

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	12.217	.3608	12.766	11.642	7
25.8:	12.014	.2971	12.568	11.473	10
26.0:	11.792	.2848	12.336	11.279	10
26.2:	11.549	.2710	12.073	11.067	10
26.4:	11.281	.2555	11.774	10.836	10
26.6:	10.972	.2300	11.403	10.571	10
26.8:	10.563	.1888	10.898	10.230	10
27.0:	9.916	.1456	10.124	9.639	10
27.2:	8.968	.0970	9.118	8.790	10
27.4:	7.538	.0257	7.570	7.483	10
27.6:	5.305	.0623	5.384	5.244	4

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:		----- N/A -----			0
25.8:	6.56	.085	6.62	6.50	2
26.0:	5.77	.191	5.91	5.64	2
26.2:	4.90	.325	5.13	4.67	2
26.4:	3.79	.849	4.39	3.19	2
26.6:	3.21	.509	3.57	2.85	2
26.8:	2.99	.092	3.06	2.93	2
27.0:	1.39	.042	1.42	1.36	2
27.2:	.65	.120	.74	.57	2
27.4:	.57	.255	.75	.39	2
27.6:	1.02	.247	1.20	.85	2

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1476	1.4	1478	1474	8
25.8:	1476	1.3	1478	1474	11
26.0:	1476	1.5	1478	1474	11
26.2:	1476	1.9	1479	1473	11
26.4:	1477	1.9	1479	1473	11
26.6:	1477	1.7	1479	1474	11
26.8:	1474	1.2	1476	1473	11
27.0:	1473	.9	1475	1472	11
27.2:	1475	.8	1477	1474	10
27.4:	1478	.7	1479	1477	10
27.6:	1485	.6	1486	1485	4

APRIL

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.67	.305	7.01	6.27	6
25.8:	6.01	.532	6.89	5.49	14
26.0:	5.93	.522	6.73	5.21	14
26.2:	5.94	.507	6.87	5.14	14
26.4:	5.88	.509	6.90	5.01	14
26.6:	5.69	.449	6.52	5.00	14
26.8:	4.94	.314	5.61	4.49	15
27.0:	4.16	.231	4.54	3.71	13
27.2:	3.69	.110	3.84	3.49	10
27.4:	3.07	.056	3.12	2.96	10
27.6:	2.23	.049	2.29	2.16	6

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	32.604	.0511	32.659	32.538	6
25.8:	32.760	.0859	32.900	32.685	14
26.0:	32.999	.0832	33.132	32.885	14
26.2:	33.257	.0802	33.412	33.139	14
26.4:	33.497	.0801	33.662	33.365	14
26.6:	33.718	.0697	33.849	33.617	14
26.8:	33.860	.0469	33.961	33.795	15
27.0:	34.005	.0305	34.054	33.945	13
27.2:	34.196	.0141	34.215	34.171	10
27.4:	34.372	.0062	34.378	34.360	10
27.6:	34.536	.0047	34.541	34.529	6

APRIL

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	70	43.7	115	20	6
25.8:	98	32.1	152	7	14
26.0:	119	16.2	161	98	14
26.2:	130	15.3	171	113	14
26.4:	149	15.9	190	124	14
26.6:	174	22.0	226	149	14
26.8:	256	33.4	331	220	15
27.0:	412	32.9	483	382	13
27.2:	648	31.6	709	612	10
27.4:	982	32.4	1049	946	10
27.6:	1633	46.6	1711	1574	6

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	240.5	.60	241.1	239.8	6
25.8:	221.7	.44	222.6	220.6	14
26.0:	202.9	.25	203.6	202.6	14
26.2:	184.1	.29	184.9	183.8	14
26.4:	165.3	.27	166.0	165.0	14
26.6:	146.7	.39	147.4	146.3	14
26.8:	128.4	.54	129.6	127.7	15
27.0:	110.4	.49	111.4	109.8	13
27.2:	92.9	.38	93.6	92.4	10
27.4:	75.4	.24	75.8	75.0	10
27.6:	58.0	.12	58.2	57.9	6

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.66	.300	7.00	6.27	6
25.8:	6.00	.533	6.88	5.48	14
26.0:	5.92	.521	6.73	5.20	14
26.2:	5.93	.507	6.86	5.13	14
26.4:	5.87	.508	6.89	5.00	14
26.6:	5.67	.449	6.50	4.98	14
26.8:	4.92	.312	5.58	4.47	15
27.0:	4.13	.229	4.50	3.68	13
27.2:	3.64	.110	3.79	3.44	10
27.4:	3.00	.053	3.05	2.90	10
27.6:	2.12	.052	2.18	2.04	6

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	239.4	.17	239.6	239.1	6
25.8:	219.9	.31	220.4	219.3	14
26.0:	201.0	.37	201.5	200.4	14
26.2:	181.9	.43	182.4	181.2	14
26.4:	163.3	.18	163.5	162.9	14
26.6:	144.4	.09	144.5	144.2	14
26.8:	125.3	.18	125.4	124.8	15
27.0:	106.3	.11	106.4	106.1	13
27.2:	87.2	.07	87.3	87.1	10
27.4:	68.1	.09	68.2	67.9	10
27.6:	48.7	.08	48.8	48.6	6

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1.73	1.104	2.96	.48	6
25.8:	2.35	.800	3.72	.15	14
26.0:	2.81	.432	3.92	2.28	14
26.2:	3.01	.415	4.10	2.54	14
26.4:	3.26	.433	4.45	2.83	14
26.6:	3.73	.509	5.01	3.16	14
26.8:	4.84	.594	6.04	4.11	15
27.0:	6.73	.578	7.89	6.05	13
27.2:	9.08	.604	10.21	8.25	10
27.4:	11.92	.607	13.11	11.16	10
27.6:	16.31	.550	17.14	15.54	6

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	.83	.780	1.74	.05	6
25.8:	1.30	.658	2.90	.01	14
26.0:	1.73	.526	3.21	1.14	14
26.2:	2.00	.536	3.52	1.46	14
26.4:	2.34	.610	4.16	1.73	14
26.6:	3.13	.830	5.36	2.26	14
26.8:	5.64	1.442	8.78	4.15	15
27.0:	12.03	2.074	16.48	10.16	13
27.2:	24.85	2.829	30.63	21.47	10
27.4:	48.50	3.810	56.64	44.40	10
27.6:	106.36	6.258	114.87	97.89	6

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	10.610	.7130	11.493	9.848	4
25.8:	9.573	.4002	10.259	8.889	9
26.0:	9.219	.3785	9.915	8.695	10
26.2:	8.999	.3642	9.703	8.513	10
26.4:	8.741	.3415	9.344	8.167	10
26.6:	8.232	.2383	8.491	7.605	10
26.8:	7.039	.2957	7.437	6.497	11
27.0:	5.230	.3038	5.634	4.662	10
27.2:	2.904	.2305	3.142	2.436	10
27.4:	.059	.2493	.335	-.458	10
27.6:	-4.248	.3362	-3.829	-4.782	6

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	12.272	.3744	12.613	11.922	4
25.8:	11.885	.3404	12.409	11.357	9
26.0:	11.641	.3210	12.186	11.161	10
26.2:	11.406	.3097	11.941	10.959	10
26.4:	11.149	.3001	11.672	10.730	10
26.6:	10.855	.2847	11.370	10.468	10
26.8:	10.434	.2454	10.909	10.132	11
27.0:	9.860	.1601	10.171	9.644	10
27.2:	8.943	.0891	9.125	8.828	10
27.4:	7.537	.0244	7.577	7.498	10
27.6:	5.336	.0537	5.392	5.265	6

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	-----	N/A	-----		0
25.8:	-----	N/A	-----		0
26.0:	-----	N/A	-----		0
26.2:	-----	N/A	-----		0
26.4:	-----	N/A	-----		0
26.6:	-----	N/A	-----		0
26.8:	-----	N/A	-----		0
27.0:	-----	N/A	-----		0
27.2:	-----	N/A	-----		0
27.4:	-----	N/A	-----		0
27.6:	-----	N/A	-----		0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1475	2.0	1478	1473	6
25.8:	1473	2.5	1478	1471	14
26.0:	1473	2.2	1478	1471	14
26.2:	1474	2.2	1478	1471	14
26.4:	1475	2.3	1479	1471	14
26.6:	1474	2.1	1479	1472	14
26.8:	1473	2.0	1478	1471	15
27.0:	1473	1.4	1476	1471	13
27.2:	1475	.9	1477	1474	10
27.4:	1478	.6	1479	1477	10
27.6:	1486	.6	1487	1485	6

MAY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.89	.007	8.90	8.89	2
25.4:	7.83	.447	8.81	7.40	11
25.6:	6.86	.351	7.66	6.21	23
25.8:	6.21	.498	7.29	5.43	24
26.0:	6.00	.587	7.31	4.99	24
26.2:	5.95	.573	7.19	4.95	24
26.4:	5.89	.562	6.98	4.84	24
26.6:	5.73	.500	6.51	4.75	24
26.8:	4.95	.295	5.51	4.31	24
27.0:	4.17	.205	4.52	3.68	23
27.2:	3.71	.084	3.89	3.54	21
27.4:	3.06	.063	3.26	2.98	21
27.6:	2.23	.033	2.29	2.18	9

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	32.529	.0303	32.551	32.508	2
25.4:	32.559	.0804	32.738	32.476	11
25.6:	32.641	.0592	32.778	32.534	23
25.8:	32.791	.0816	32.971	32.665	24
26.0:	33.014	.0934	33.227	32.854	24
26.2:	33.258	.0904	33.461	33.104	24
26.4:	33.501	.0868	33.675	33.347	24
26.6:	33.725	.0764	33.849	33.578	24
26.8:	33.862	.0429	33.951	33.772	24
27.0:	34.006	.0263	34.051	33.943	23
27.2:	34.199	.0105	34.220	34.177	21
27.4:	34.372	.0074	34.394	34.363	21
27.6:	34.535	.0023	34.539	34.530	9

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	10	10.6	18	3	2
25.4:	34	21.2	76	6	11
25.6:	66	26.1	124	10	23
25.8:	95	26.8	140	24	24
26.0:	115	15.7	158	90	24
26.2:	128	17.5	161	100	24
26.4:	143	18.5	202	118	24
26.6:	168	24.9	253	141	24
26.8:	248	34.4	345	186	24
27.0:	402	39.8	509	322	23
27.2:	627	40.0	695	529	21
27.4:	972	40.4	1054	895	21
27.6:	1626	53.6	1696	1529	9

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	277.8	.14	277.9	277.7	2
25.4:	259.1	.29	259.7	258.7	11
25.6:	240.4	.36	241.3	239.7	23
25.8:	221.7	.38	222.5	220.8	24
26.0:	202.9	.32	203.9	202.5	24
26.2:	184.1	.36	185.2	183.7	24
26.4:	165.3	.40	166.5	164.8	24
26.6:	146.7	.47	148.1	146.1	24
26.8:	128.3	.50	129.7	127.5	24
27.0:	110.3	.48	111.5	109.5	23
27.2:	92.8	.41	93.5	91.9	21
27.4:	75.3	.30	75.8	74.7	21
27.6:	58.0	.25	58.4	57.5	9

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.89	.000	8.89	8.89	2
25.4:	7.82	.444	8.81	7.40	11
25.6:	6.86	.350	7.65	6.21	23
25.8:	6.20	.498	7.28	5.42	24
26.0:	5.99	.586	7.30	4.98	24
26.2:	5.93	.570	7.17	4.94	24
26.4:	5.88	.561	6.96	4.83	24
26.6:	5.71	.498	6.48	4.74	24
26.8:	4.93	.293	5.48	4.30	24
27.0:	4.14	.202	4.49	3.65	23
27.2:	3.67	.082	3.84	3.50	21
27.4:	3.00	.062	3.19	2.91	21
27.6:	2.12	.038	2.18	2.06	9

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	275.1	2.33	276.8	273.5	2
25.4:	257.9	.74	258.5	255.4	11
25.6:	239.1	.51	239.6	237.4	23
25.8:	219.9	.49	220.5	218.7	24
26.0:	200.8	.35	201.5	200.2	24
26.2:	182.0	.39	182.5	181.2	24
26.4:	163.1	.24	163.4	162.6	24
26.6:	144.3	.11	144.5	144.1	24
26.8:	125.3	.16	125.5	124.7	24
27.0:	106.3	.11	106.4	106.1	23
27.2:	87.2	.08	87.3	87.1	21
27.4:	68.1	.07	68.2	68.0	21
27.6:	48.7	.12	48.9	48.5	9

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	.30	.304	.52	.09	2
25.4:	.93	.575	2.07	.17	11
25.6:	1.70	.685	3.25	.25	23
25.8:	2.36	.692	3.61	.54	24
26.0:	2.80	.419	3.99	2.18	24
26.2:	3.05	.448	4.45	2.38	24
26.4:	3.31	.466	4.81	2.78	24
26.6:	3.71	.570	5.61	2.96	24
26.8:	4.81	.696	6.89	3.57	24
27.0:	6.61	.748	8.79	5.17	23
27.2:	8.93	.768	10.70	7.27	21
27.4:	11.83	.769	13.59	10.32	21
27.6:	16.27	.731	17.52	14.89	9

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	.02	.035	.05	.00	2
25.4:	.22	.245	.79	.01	11
25.6:	.66	.456	2.04	.01	23
25.8:	1.22	.553	2.54	.07	24
26.0:	1.64	.484	3.12	.98	24
26.2:	1.96	.584	3.91	1.17	24
26.4:	2.32	.668	4.61	1.57	24
26.6:	2.98	.965	6.49	2.02	24
26.8:	5.36	1.551	10.39	3.04	24
27.0:	11.44	2.443	18.71	7.20	23
27.2:	23.60	3.316	30.49	16.32	21
27.4:	47.32	4.621	56.55	38.44	21
27.6:	105.26	7.410	116.49	91.98	9

MAY

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	12.118	.7665	12.660	11.576	2
25.4:	11.247	.6468	11.999	10.021	9
25.6:	10.270	.5194	11.138	9.352	20
25.8:	9.656	.3808	10.025	9.153	21
26.0:	9.199	.1814	9.476	8.849	21
26.2:	8.943	.2127	9.282	8.481	21
26.4:	8.679	.1923	8.932	8.246	21
26.6:	8.266	.1993	8.519	7.618	21
26.8:	7.149	.2478	7.487	6.344	21
27.0:	5.310	.3031	5.851	4.438	21
27.2:	3.035	.2936	3.755	2.528	21
27.4:	.133	.3054	.708	-.495	21
27.6:	-4.212	.3889	-3.503	-4.765	9

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	12.416	.4780	12.754	12.078	2
25.4:	12.197	.4694	13.193	11.802	9
25.6:	11.907	.4345	13.000	11.023	20
25.8:	11.729	.3966	12.751	10.983	21
26.0:	11.529	.3676	12.474	10.843	21
26.2:	11.301	.3427	12.156	10.639	21
26.4:	11.048	.3163	11.801	10.404	21
26.6:	10.762	.2843	11.389	10.147	21
26.8:	10.391	.2345	10.851	9.852	21
27.0:	9.814	.1783	10.163	9.400	21
27.2:	8.910	.1068	9.084	8.663	21
27.4:	7.528	.0316	7.581	7.460	21
27.6:	5.325	.0502	5.391	5.246	9

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	-----	N/A	-----		0
25.4:	7.42	----- N/A	-----		1
25.6:	7.17	.163	7.29	7.06	2
25.8:	6.63	.332	6.87	6.40	2
26.0:	6.04	.226	6.20	5.88	2
26.2:	5.58	.290	5.79	5.38	2
26.4:	5.07	.573	5.48	4.67	2
26.6:	4.11	1.294	5.03	3.20	2
26.8:	2.97	.778	3.52	2.42	2
27.0:	1.35	----- N/A	-----		1
27.2:	.54	----- N/A	-----		1
27.4:	.35	----- N/A	-----		1
27.6:	.98	----- N/A	-----		1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1483	.0	1483	1483	2
25.4:	1479	1.8	1484	1478	11
25.6:	1476	1.6	1480	1474	23
25.8:	1474	2.5	1480	1470	24
26.0:	1474	2.7	1481	1470	24
26.2:	1474	2.7	1481	1470	24
26.4:	1475	2.6	1481	1470	24
26.6:	1475	2.4	1480	1471	24
26.8:	1473	1.8	1477	1470	24
27.0:	1472	1.5	1476	1470	23
27.2:	1474	1.0	1476	1473	21
27.4:	1478	.7	1479	1477	21
27.6:	1485	.9	1487	1484	9

JUNE

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.17	----- N/A	-----		1
25.0:	10.07	.432	10.64	9.42	8
25.2:	9.04	.521	9.74	8.26	18
25.4:	7.86	.447	8.57	7.21	19
25.6:	6.82	.389	7.40	6.10	19
25.8:	6.16	.477	7.21	5.35	19
26.0:	5.96	.542	7.20	5.17	19
26.2:	5.96	.502	7.07	5.25	19
26.4:	6.00	.458	6.88	5.34	19
26.6:	5.82	.334	6.42	5.33	19
26.8:	4.97	.200	5.42	4.69	18
27.0:	4.16	.099	4.37	3.98	16
27.2:	3.68	.114	3.89	3.47	16
27.4:	3.04	.089	3.20	2.87	15
27.6:	2.26	.066	2.39	2.21	6

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	32.477	----- N/A	-----		1
25.0:	32.502	.0792	32.616	32.381	8
25.2:	32.539	.1013	32.670	32.380	18
25.4:	32.565	.0829	32.696	32.440	19
25.6:	32.636	.0692	32.748	32.515	19
25.8:	32.785	.0788	32.956	32.652	19
26.0:	33.007	.0882	33.206	32.880	19
26.2:	33.261	.0797	33.435	33.158	19
26.4:	33.518	.0714	33.658	33.420	19
26.6:	33.739	.0522	33.833	33.665	19
26.8:	33.863	.0295	33.934	33.822	18
27.0:	34.004	.0132	34.032	33.980	16
27.2:	34.195	.0141	34.220	34.169	16
27.4:	34.369	.0098	34.387	34.351	15
27.6:	34.537	.0057	34.548	34.534	6

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	6	----- N/A	-----		1
25.0:	29	9.6	37	8	8
25.2:	31	11.2	51	13	18
25.4:	45	17.6	80	22	19
25.6:	74	21.7	116	36	19
25.8:	96	17.4	135	66	19
26.0:	114	13.9	153	91	19
26.2:	128	14.3	168	104	19
26.4:	142	16.6	193	125	19
26.6:	173	27.9	254	146	19
26.8:	262	42.1	369	217	18
27.0:	421	51.1	549	378	16
27.2:	649	56.4	781	593	16
27.4:	979	62.3	1141	894	15
27.6:	1588	77.1	1661	1440	6

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	315.8	----- N/A	-----		1
25.0:	297.2	.15	297.3	296.8	8
25.2:	278.1	.15	278.4	277.9	18
25.4:	259.2	.22	259.7	258.9	19
25.6:	240.5	.29	241.2	240.0	19
25.8:	221.7	.29	222.5	221.3	19
26.0:	202.9	.30	203.8	202.6	19
26.2:	184.1	.30	185.0	183.8	19
26.4:	165.3	.35	166.4	165.0	19
26.6:	146.8	.47	148.1	146.1	19
26.8:	128.4	.50	129.7	128.0	18
27.0:	110.4	.50	111.7	110.0	16
27.2:	92.9	.39	93.9	92.4	16
27.4:	75.3	.26	76.0	75.0	15
27.6:	57.8	.24	58.1	57.4	6

JUNE

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.17	----- N/A -----			1
25.0:	10.06	.434	10.64	9.42	8
25.2:	9.03	.525	9.74	8.25	18
25.4:	7.86	.449	8.57	7.20	19
25.6:	6.81	.389	7.39	6.10	19
25.8:	6.15	.475	7.20	5.35	19
26.0:	5.95	.541	7.18	5.16	19
26.2:	5.95	.499	7.05	5.29	19
26.4:	5.99	.457	6.86	5.32	19
26.6:	5.81	.330	6.39	5.32	19
26.8:	4.95	.196	5.39	4.67	18
27.0:	4.12	.097	4.33	3.95	16
27.2:	3.64	.115	3.85	3.43	16
27.4:	2.97	.091	3.14	2.80	15
27.6:	2.15	.071	2.29	2.10	6

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	315.1	----- N/A -----			1
25.0:	295.2	1.37	296.6	293.4	8
25.2:	276.7	.99	277.6	273.8	18
25.4:	258.0	.64	258.6	256.4	19
25.6:	238.9	.53	239.5	237.8	19
25.8:	219.8	.59	220.5	218.0	19
26.0:	200.9	.52	201.4	199.4	19
26.2:	181.9	.44	182.5	181.1	19
26.4:	163.0	.28	163.4	162.5	19
26.6:	144.3	.10	144.5	144.2	19
26.8:	125.3	.19	125.4	124.8	18
27.0:	106.2	.10	106.4	106.0	16
27.2:	87.2	.07	87.3	87.1	16
27.4:	68.1	.09	68.2	67.9	15
27.6:	48.7	.14	49.0	48.6	6

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.19	----- N/A -----			1
25.0:	.89	.296	1.15	.25	8
25.2:	.94	.351	1.51	.37	18
25.4:	1.30	.524	2.33	.60	19
25.6:	2.03	.611	3.22	1.00	19
25.8:	2.55	.504	3.67	1.67	19
26.0:	2.94	.399	4.06	2.41	19
26.2:	3.21	.387	4.36	2.66	19
26.4:	3.46	.428	4.79	3.02	19
26.6:	3.94	.595	5.75	3.34	19
26.8:	5.16	.798	7.35	4.37	18
27.0:	7.08	.917	9.53	6.20	16
27.2:	9.40	.957	11.90	8.56	16
27.4:	12.14	.990	15.00	11.05	15
27.6:	16.13	.892	17.48	14.68	6

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.01	----- N/A -----			1
25.0:	.14	.071	.22	.01	8
25.2:	.17	.112	.39	.03	18
25.4:	.34	.263	.92	.07	19
25.6:	.81	.443	1.82	.18	19
25.8:	1.24	.467	2.40	.53	19
26.0:	1.66	.435	2.96	1.04	19
26.2:	1.98	.473	3.46	1.30	19
26.4:	2.34	.598	4.26	1.71	19
26.6:	3.16	1.026	6.44	2.28	19
26.8:	5.94	1.987	11.53	4.22	18
27.0:	12.69	3.405	21.80	9.85	16
27.2:	25.42	4.994	37.94	21.14	16
27.4:	48.44	7.016	68.35	40.21	15
27.6:	100.96	9.525	112.12	83.35	6

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.100	----- N/A -----			1
25.0:	11.753	.5248	12.658	11.142	7
25.2:	11.372	.4400	12.366	10.591	15
25.4:	10.936	.3867	11.517	10.195	16
25.6:	10.176	.4520	11.012	9.373	16
25.8:	9.689	.3868	10.282	9.099	16
26.0:	9.286	.3934	10.108	8.764	16
26.2:	9.017	.3354	9.951	8.603	16
26.4:	8.767	.3061	9.742	8.458	16
26.6:	8.319	.1899	8.700	7.991	16
26.8:	7.094	.3033	7.509	6.428	16
27.0:	5.187	.3697	5.557	4.242	16
27.2:	2.867	.4185	3.284	1.870	16
27.4:	.073	.4860	.713	-1.222	15
27.6:	-3.938	.5348	-2.913	-4.474	6

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.293	----- N/A -----			1
25.0:	12.614	.6469	13.734	12.060	7
25.2:	12.236	.5422	13.656	11.700	15
25.4:	12.149	.5104	13.541	11.653	16
25.6:	12.032	.4853	13.353	11.569	16
25.8:	11.866	.4618	13.117	11.430	16
26.0:	11.662	.4451	12.847	11.249	16
26.2:	11.429	.4297	12.544	11.042	16
26.4:	11.171	.4123	12.208	10.812	16
26.6:	10.879	.3802	11.806	10.541	16
26.8:	10.494	.3155	11.247	10.184	16
27.0:	9.884	.2335	10.423	9.619	16
27.2:	8.951	.1365	9.266	8.808	16
27.4:	7.521	.0195	7.557	7.491	15
27.6:	5.353	.0675	5.447	5.276	6

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1491	----- N/A -----			1
25.0:	1487	1.7	1490	1485	8
25.2:	1484	2.0	1487	1481	18
25.4:	1480	1.7	1483	1477	19
25.6:	1476	1.6	1479	1474	19
25.8:	1474	2.1	1479	1471	19
26.0:	1474	2.4	1480	1471	19
26.2:	1474	2.3	1480	1472	19
26.4:	1475	2.1	1480	1473	19
26.6:	1475	1.7	1479	1473	19
26.8:	1473	1.4	1477	1472	18
27.0:	1473	1.1	1476	1472	16
27.2:	1475	.8	1477	1474	16
27.4:	1478	.9	1480	1477	15
27.6:	1485	1.1	1486	1483	6

JULY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.31	.096	11.43	11.21	4
25.0:	10.22	.383	10.82	9.76	6
25.2:	9.18	.486	9.92	8.53	7
25.4:	8.02	.466	8.72	7.53	7
25.6:	6.87	.555	7.70	6.23	7
25.8:	6.11	.520	7.03	5.52	7
26.0:	5.91	.559	6.79	5.26	7
26.2:	5.81	.552	6.60	5.14	7
26.4:	5.82	.640	6.54	5.01	7
26.6:	5.70	.641	6.45	4.93	7
26.8:	4.88	.344	5.23	4.38	7
27.0:	4.21	.175	4.49	3.91	7
27.2:	3.71	.102	3.88	3.56	7
27.4:	3.08	.052	3.16	3.02	7
27.6:	2.23	.081	2.37	2.16	5

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	32.513	.0188	32.530	32.488	4
25.0:	32.539	.0721	32.657	32.439	6
25.2:	32.581	.0794	32.708	32.475	7
25.4:	32.610	.0883	32.751	32.505	7
25.6:	32.646	.0921	32.786	32.534	7
25.8:	32.773	.0813	32.921	32.679	7
26.0:	33.001	.0872	33.140	32.900	7
26.2:	33.236	.0826	33.359	33.131	7
26.4:	33.489	.0979	33.603	33.367	7
26.6:	33.723	.0979	33.839	33.607	7
26.8:	33.844	.0483	33.900	33.781	7
27.0:	34.011	.0221	34.047	33.974	7
27.2:	34.198	.0131	34.219	34.178	7
27.4:	34.374	.0063	34.386	34.366	7
27.6:	34.534	.0078	34.546	34.525	5

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	20	10.6	31	9	4
25.0:	31	8.3	42	19	6
25.2:	40	10.4	57	29	7
25.4:	50	10.4	68	39	7
25.6:	66	11.7	84	49	7
25.8:	96	14.3	113	72	7
26.0:	112	14.9	132	85	7
26.2:	125	15.1	145	97	7
26.4:	139	13.3	158	116	7
26.6:	167	5.6	173	156	7
26.8:	246	27.1	300	219	7
27.0:	403	30.6	468	373	7
27.2:	629	33.0	697	596	7
27.4:	970	58.4	1093	925	7
27.6:	1589	106.8	1710	1419	5

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	316.1	.23	316.3	315.9	4
25.0:	297.2	.17	297.5	297.0	6
25.2:	278.3	.22	278.6	278.1	7
25.4:	259.3	.19	259.6	259.1	7
25.6:	240.4	.19	240.7	240.2	7
25.8:	221.7	.19	221.9	221.4	7
26.0:	202.8	.21	203.1	202.6	7
26.2:	184.0	.22	184.3	183.8	7
26.4:	165.2	.24	165.5	165.0	7
26.6:	146.6	.27	146.9	146.3	7
26.8:	128.2	.48	129.0	127.6	7
27.0:	110.3	.37	111.0	109.8	7
27.2:	92.8	.31	93.4	92.4	7
27.4:	75.3	.36	76.1	75.0	7
27.6:	57.7	.23	57.9	57.3	5

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.31	.096	11.43	11.21	4
25.0:	10.22	.382	10.82	9.76	6
25.2:	9.17	.489	9.92	8.52	7
25.4:	8.02	.466	8.71	7.52	7
25.6:	6.87	.554	7.69	6.22	7
25.8:	6.10	.520	7.02	5.51	7
26.0:	5.90	.557	6.78	5.25	7
26.2:	5.80	.552	6.59	5.13	7
26.4:	5.80	.638	6.53	5.00	7
26.6:	5.69	.640	6.44	4.92	7
26.8:	4.87	.342	5.21	4.36	7
27.0:	4.18	.173	4.46	3.88	7
27.2:	3.66	.099	3.83	3.52	7
27.4:	3.01	.056	3.12	2.95	7
27.6:	2.12	.092	2.28	2.04	5

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	314.8	1.18	315.6	313.1	4
25.0:	294.8	1.82	295.9	291.2	6
25.2:	275.6	1.99	277.5	272.7	7
25.4:	256.8	1.36	258.4	254.4	7
25.6:	239.0	.38	239.5	238.4	7
25.8:	220.1	.29	220.5	219.7	7
26.0:	200.7	.43	201.1	200.0	7
26.2:	182.0	.46	182.4	181.3	7
26.4:	163.1	.11	163.3	163.0	7
26.6:	144.3	.09	144.4	144.2	7
26.8:	125.4	.00	125.4	125.4	7
27.0:	106.3	.12	106.4	106.1	7
27.2:	87.2	.10	87.4	87.1	7
27.4:	68.1	.09	68.2	67.9	7
27.6:	48.8	.14	49.0	48.7	5

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.64	.343	.98	.29	4
25.0:	.98	.269	1.35	.59	6
25.2:	1.23	.329	1.77	.86	7
25.4:	1.50	.327	2.07	1.17	7
25.6:	1.89	.354	2.47	1.42	7
25.8:	2.59	.409	3.16	1.97	7
26.0:	2.95	.415	3.57	2.24	7
26.2:	3.20	.413	3.82	2.47	7
26.4:	3.45	.378	4.05	2.80	7
26.6:	3.88	.222	4.29	3.63	7
26.8:	4.96	.290	5.42	4.67	7
27.0:	6.84	.335	7.46	6.51	7
27.2:	9.14	.336	9.80	8.77	7
27.4:	12.01	.527	13.17	11.64	7
27.6:	16.05	.554	16.76	15.24	5

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.08	.068	.15	.01	4
25.0:	.17	.082	.29	.06	6
25.2:	.26	.135	.50	.13	7
25.4:	.39	.168	.69	.22	7
25.6:	.63	.222	1.00	.34	7
25.8:	1.21	.359	1.70	.68	7
26.0:	1.60	.413	2.20	.90	7
26.2:	1.90	.452	2.56	1.11	7
26.4:	2.24	.498	2.92	1.47	7
26.6:	2.91	.253	3.32	2.55	7
26.8:	5.23	.900	6.98	4.42	7
27.0:	11.49	1.652	14.97	9.91	7
27.2:	23.64	2.513	28.90	21.10	7
27.4:	47.23	5.797	59.75	43.32	7
27.6:	100.19	10.833	112.99	83.21	5

JULY

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.575	.4062	12.075	11.087	4
25.0:	11.190	.2581	11.562	10.894	6
25.2:	10.929	.3136	11.443	10.623	7
25.4:	10.663	.3036	11.196	10.321	7
25.6:	10.265	.3392	10.822	9.925	7
25.8:	9.570	.4381	10.391	9.056	7
26.0:	9.208	.4455	10.118	8.747	7
26.2:	8.963	.4457	9.892	8.557	7
26.4:	8.709	.4058	9.561	8.345	7
26.6:	8.282	.2245	8.733	8.063	7
26.8:	7.206	.1752	7.376	6.937	7
27.0:	5.324	.2106	5.529	4.904	7
27.2:	3.024	.2284	3.268	2.564	7
27.4:	.146	.4514	.483	-.810	7
27.6:	-3.922	.6756	-2.840	-4.673	5

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.201	.1835	12.364	12.027	4
25.0:	12.123	.1537	12.320	11.993	6
25.2:	12.055	.1376	12.267	11.917	7
25.4:	11.970	.1385	12.208	11.830	7
25.6:	11.864	.1389	12.123	11.728	7
25.8:	11.711	.1517	12.004	11.551	7
26.0:	11.511	.1713	11.853	11.322	7
26.2:	11.285	.1928	11.681	11.072	7
26.4:	11.036	.2148	11.487	10.805	7
26.6:	10.753	.2296	11.240	10.514	7
26.8:	10.387	.2122	10.836	10.166	7
27.0:	9.811	.1585	10.145	9.650	7
27.2:	8.913	.1024	9.126	8.820	7
27.4:	7.527	.0319	7.591	7.490	7
27.6:	5.352	.0171	5.376	5.328	5

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:	6.84	----- N/A -----			1
25.4:	6.97	----- N/A -----			1
25.6:	6.96	----- N/A -----			1
25.8:	6.79	----- N/A -----			1
26.0:	6.23	----- N/A -----			1
26.2:	5.68	----- N/A -----			1
26.4:	4.92	----- N/A -----			1
26.6:	4.03	----- N/A -----			1
26.8:	3.25	----- N/A -----			1
27.0:	1.62	----- N/A -----			1
27.2:	.64	----- N/A -----			1
27.4:	.44	----- N/A -----			1
27.6:	.99	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1492	.5	1493	1492	4
25.0:	1488	1.5	1491	1487	6
25.2:	1484	2.1	1488	1482	7
25.4:	1480	2.0	1484	1479	7
25.6:	1476	2.4	1480	1474	7
25.8:	1474	2.1	1478	1472	7
26.0:	1473	2.4	1478	1471	7
26.2:	1473	2.3	1477	1471	7
26.4:	1474	2.8	1477	1471	7
26.6:	1475	2.7	1478	1472	7
26.8:	1472	1.8	1475	1470	7
27.0:	1473	1.2	1475	1471	7
27.2:	1474	.7	1476	1474	7
27.4:	1478	.9	1480	1477	7
27.6:	1485	1.5	1487	1483	5

AUGUST

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.24	.273	14.57	13.89	8
24.4:	13.30	.350	13.94	12.92	12
24.6:	12.38	.384	13.07	11.88	17
24.8:	11.35	.434	12.00	10.62	17
25.0:	10.27	.499	11.02	9.50	17
25.2:	9.16	.492	10.17	8.52	17
25.4:	8.06	.525	9.41	7.36	17
25.6:	6.99	.464	8.14	6.39	17
25.8:	6.16	.489	7.16	5.51	17
26.0:	5.87	.479	6.74	5.22	17
26.2:	5.85	.471	6.68	5.08	17
26.4:	5.86	.506	6.60	5.01	17
26.6:	5.69	.510	6.36	4.68	17
26.8:	4.89	.292	5.34	4.31	17
27.0:	4.09	.171	4.33	3.72	15
27.2:	3.68	.068	3.81	3.58	14
27.4:	3.06	.058	3.17	2.96	14
27.6:	2.25	.076	2.39	2.19	6

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	32.481	.0618	32.551	32.402	8
24.4:	32.497	.0847	32.640	32.380	12
24.6:	32.522	.0917	32.672	32.380	17
24.8:	32.541	.0947	32.727	32.391	17
25.0:	32.559	.0977	32.777	32.409	17
25.2:	32.582	.1009	32.820	32.438	17
25.4:	32.610	.0987	32.859	32.474	17
25.6:	32.669	.0830	32.891	32.562	17
25.8:	32.782	.0796	32.947	32.678	17
26.0:	32.989	.0745	33.129	32.890	17
26.2:	33.241	.0729	33.369	33.125	17
26.4:	33.495	.0794	33.612	33.367	17
26.6:	33.720	.0764	33.824	33.597	17
26.8:	33.853	.0414	33.917	33.771	17
27.0:	33.996	.0225	34.026	33.948	15
27.2:	34.195	.0089	34.212	34.182	14
27.4:	34.372	.0068	34.384	34.360	14
27.6:	34.536	.0070	34.549	34.531	6

AUGUST

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	16	4.3	22	10	8
24.4:	19	5.2	26	7	12
24.6:	22	6.0	32	11	17
24.8:	27	6.2	37	18	17
25.0:	32	7.4	42	19	17
25.2:	39	8.7	51	22	17
25.4:	49	12.0	78	29	17
25.6:	69	18.2	107	39	17
25.8:	97	13.5	119	71	17
26.0:	116	11.6	130	92	17
26.2:	131	11.9	146	99	17
26.4:	147	12.3	165	115	17
26.6:	174	13.1	205	148	17
26.8:	252	19.1	290	223	17
27.0:	408	29.7	472	352	15
27.2:	631	34.1	698	584	14
27.4:	970	42.4	1038	892	14
27.6:	1581	100.1	1692	1407	6

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	373.2	.16	373.4	373.0	8
24.4:	354.2	.14	354.4	353.9	12
24.6:	335.2	.16	335.5	334.9	17
24.8:	316.2	.08	316.3	316.1	17
25.0:	297.2	.12	297.4	297.0	17
25.2:	278.2	.14	278.5	278.0	17
25.4:	259.3	.18	259.7	259.1	17
25.6:	240.5	.24	240.9	240.1	17
25.8:	221.7	.20	222.0	221.3	17
26.0:	202.9	.18	203.1	202.6	17
26.2:	184.1	.20	184.4	183.7	17
26.4:	165.3	.25	165.8	165.1	17
26.6:	146.7	.32	147.4	146.3	17
26.8:	128.3	.34	129.0	127.8	17
27.0:	110.2	.38	111.0	109.6	15
27.2:	92.8	.33	93.4	92.3	14
27.4:	75.3	.23	75.6	74.9	14
27.6:	57.8	.33	58.2	57.3	6

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.24	.273	14.57	13.89	8
24.4:	13.30	.349	13.93	12.92	12
24.6:	12.38	.385	13.07	11.88	17
24.8:	11.35	.435	11.99	10.61	17
25.0:	10.27	.499	11.02	9.50	17
25.2:	9.16	.491	10.16	8.52	17
25.4:	8.06	.525	9.40	7.35	17
25.6:	6.99	.463	8.13	6.39	17
25.8:	6.15	.488	7.15	5.50	17
26.0:	5.86	.478	6.73	5.21	17
26.2:	5.84	.471	6.67	5.07	17
26.4:	5.85	.505	6.59	5.00	17
26.6:	5.68	.509	6.35	4.87	17
26.8:	4.87	.290	5.32	4.29	17
27.0:	4.06	.168	4.30	3.70	15
27.2:	3.63	.067	3.76	3.54	14
27.4:	3.00	.058	3.10	2.89	14
27.6:	2.14	.081	2.29	2.07	6

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	371.4	2.51	372.8	366.2	8
24.4:	352.0	2.28	353.7	346.0	12
24.6:	333.0	1.77	334.7	329.6	17
24.8:	313.6	2.17	315.6	309.4	17
25.0:	294.3	3.27	303.3	290.0	17
25.2:	275.3	1.91	277.6	270.5	17
25.4:	257.4	1.20	258.5	253.5	17
25.6:	238.7	.62	239.5	237.4	17
25.8:	220.0	.33	220.5	219.3	17
26.0:	201.1	.22	201.5	200.7	17
26.2:	182.0	.38	182.5	181.4	17
26.4:	163.1	.19	163.4	162.7	17
26.6:	144.3	.09	144.4	144.2	17
26.8:	125.3	.08	125.4	125.2	17
27.0:	106.3	.12	106.4	106.1	15
27.2:	87.2	.08	87.3	87.1	14
27.4:	68.1	.06	68.2	68.0	14
27.6:	48.7	.14	48.9	48.6	6

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	.62	.166	.86	.38	8
24.4:	.72	.206	1.00	.24	12
24.6:	.82	.224	1.20	.38	17
24.8:	.99	.225	1.37	.62	17
25.0:	1.14	.255	1.52	.64	17
25.2:	1.33	.284	1.73	.75	17
25.4:	1.61	.363	2.43	1.03	17
25.6:	2.10	.519	3.18	1.27	17
25.8:	2.75	.396	3.45	1.99	17
26.0:	3.16	.335	3.69	2.46	17
26.2:	3.45	.338	3.89	2.59	17
26.4:	3.73	.348	4.14	2.87	17
26.6:	4.16	.329	4.81	3.49	17
26.8:	5.22	.349	5.99	4.50	17
27.0:	7.07	.419	7.76	6.42	15
27.2:	9.35	.467	10.25	8.53	14
27.4:	12.21	.526	13.12	11.33	14
27.6:	16.42	.851	17.46	15.11	6

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	.05	.029	.10	.02	8
24.4:	.07	.035	.13	.01	12
24.6:	.10	.049	.19	.02	17
24.8:	.14	.060	.25	.06	17
25.0:	.20	.081	.31	.06	17
25.2:	.27	.105	.42	.08	17
25.4:	.40	.184	.89	.14	17
25.6:	.72	.360	1.60	.23	17
25.8:	1.26	.348	1.92	.63	17
26.0:	1.71	.340	2.22	1.04	17
26.2:	2.07	.371	2.51	1.17	17
26.4:	2.48	.410	3.03	1.48	17
26.6:	3.19	.469	4.22	2.32	17
26.8:	5.52	.770	7.21	4.24	17
27.0:	11.83	1.615	15.20	9.09	15
27.2:	23.95	2.641	29.25	20.33	14
27.4:	47.32	4.227	54.69	40.76	14
27.6:	100.58	11.895	115.12	80.70	6

AUGUST

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	11.757	.3443	12.329	11.379	6
24.4:	11.659	.2762	12.108	11.244	9
24.6:	11.553	.3064	12.082	11.100	14
24.8:	11.371	.2664	11.899	11.048	14
25.0:	11.209	.2648	11.742	10.962	14
25.2:	11.008	.2611	11.499	10.698	14
25.4:	10.717	.2988	11.268	10.274	14
25.6:	10.212	.4149	10.983	9.526	14
25.8:	9.621	.3208	10.238	9.157	14
26.0:	9.215	.2888	9.961	8.819	14
26.2:	8.931	.3109	9.828	8.556	14
26.4:	8.651	.3006	9.589	8.306	14
26.6:	8.235	.1820	8.654	7.998	14
26.8:	7.165	.1175	7.357	6.881	14
27.0:	5.266	.2761	5.727	4.830	14
27.2:	3.003	.2512	3.349	2.500	14
27.4:	.150	.3174	.724	-.366	14
27.6:	-3.903	.7063	-2.680	-4.706	6

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	12.370	.2968	12.699	11.868	6
24.4:	12.323	.2449	12.669	11.838	9
24.6:	12.301	.2613	12.723	11.799	14
24.8:	12.253	.2576	12.680	11.758	14
25.0:	12.195	.2527	12.629	11.713	14
25.2:	12.126	.2456	12.565	11.665	14
25.4:	12.044	.2391	12.482	11.611	14
25.6:	11.931	.2285	12.379	11.550	14
25.8:	11.773	.2172	12.209	11.458	14
26.0:	11.570	.2100	11.991	11.281	14
26.2:	11.338	.2065	11.740	11.063	14
26.4:	11.079	.2084	11.461	10.802	14
26.6:	10.783	.2054	11.203	10.508	14
26.8:	10.406	.1856	10.798	10.149	14
27.0:	9.818	.1516	10.111	9.610	14
27.2:	8.912	.0940	9.076	8.786	14
27.4:	7.525	.0302	7.562	7.461	14
27.6:	5.340	.0741	5.471	5.248	6

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:		-----	N/A	-----	0
24.4:		-----	N/A	-----	0
24.6:	6.65	-----	N/A	-----	1
24.8:	6.79	-----	N/A	-----	1
25.0:	6.87	-----	N/A	-----	1
25.2:	6.94	-----	N/A	-----	1
25.4:	6.99	-----	N/A	-----	1
25.6:	6.98	-----	N/A	-----	1
25.8:	6.70	-----	N/A	-----	1
26.0:	6.27	-----	N/A	-----	1
26.2:	5.68	-----	N/A	-----	1
26.4:	5.06	-----	N/A	-----	1
26.6:	4.49	-----	N/A	-----	1
26.8:	3.21	-----	N/A	-----	1
27.0:	1.55	-----	N/A	-----	1
27.2:	.62	-----	N/A	-----	1
27.4:	.48	-----	N/A	-----	1
27.6:	.95	-----	N/A	-----	1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	1502	.9	1503	1501	8
24.4:	1499	1.2	1501	1498	12
24.6:	1495	1.6	1499	1494	17
24.8:	1492	1.5	1495	1490	17
25.0:	1488	2.0	1492	1486	17
25.2:	1484	1.9	1489	1482	17
25.4:	1480	2.1	1486	1478	17
25.6:	1477	1.9	1482	1475	17
25.8:	1474	1.9	1478	1472	17
26.0:	1473	2.0	1477	1471	17
26.2:	1474	2.0	1478	1471	17
26.4:	1474	2.1	1478	1471	17
26.6:	1475	2.2	1478	1472	17
26.8:	1473	1.6	1476	1470	17
27.0:	1472	1.2	1475	1471	15
27.2:	1474	.7	1476	1474	14
27.4:	1478	.7	1479	1477	14
27.6:	1485	1.4	1487	1483	6

SEPTEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.41	-----	N/A	-----	1
23.8:	15.62	-----	N/A	-----	1
24.0:	14.41	.007	14.42	14.41	2
24.2:	14.06	.457	14.77	13.27	11
24.4:	13.09	.448	13.72	12.22	17
24.6:	12.03	.488	12.93	11.25	18
24.8:	11.00	.478	11.80	10.16	18
25.0:	10.02	.467	10.76	9.16	18
25.2:	9.06	.420	9.64	8.25	18
25.4:	8.05	.428	8.68	7.27	18
25.6:	7.06	.439	7.78	6.33	18
25.8:	6.30	.374	7.00	5.63	18
26.0:	5.97	.376	6.88	5.36	18
26.2:	5.95	.391	6.85	5.39	18
26.4:	5.99	.431	6.78	5.12	18
26.6:	5.94	.307	6.62	5.38	18
26.8:	5.01	.203	5.63	4.74	18
27.0:	4.21	.152	4.64	4.01	15
27.2:	3.72	.112	4.03	3.56	15
27.4:	3.04	.046	3.14	2.96	14
27.6:	2.22	.033	2.28	2.18	6

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	32.298	-----	N/A	-----	1
23.8:	32.328	-----	N/A	-----	1
24.0:	32.303	.0672	32.351	32.256	2
24.2:	32.448	.1072	32.605	32.289	11
24.4:	32.480	.0852	32.610	32.333	17
24.6:	32.513	.0876	32.637	32.351	18
24.8:	32.537	.0893	32.667	32.368	18
25.0:	32.561	.0917	32.699	32.383	18
25.2:	32.585	.0962	32.739	32.396	18
25.4:	32.621	.0877	32.775	32.475	18
25.6:	32.679	.0785	32.808	32.553	18
25.8:	32.804	.0590	32.921	32.698	18
26.0:	33.007	.0631	33.162	32.908	18
26.2:	33.261	.0621	33.406	33.166	18
26.4:	33.515	.0685	33.647	33.378	18
26.6:	33.758	.0487	33.868	33.670	18
26.8:	33.869	.0301	33.963	33.831	18
27.0:	34.011	.0201	34.068	33.984	15
27.2:	34.200	.0140	34.239	34.180	15
27.4:	34.369	.0056	34.382	34.360	14
27.6:	34.533	.0027	34.538	34.530	6

SEPTEMBER

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	9	----- N/A -----			1
23.8:	29	----- N/A -----			1
24.0:	27	8.5	33	21	2
24.2:	26	6.1	36	15	11
24.4:	31	5.9	39	14	17
24.6:	36	4.9	48	25	18
24.8:	40	4.9	52	28	18
25.0:	43	5.0	57	32	18
25.2:	48	5.3	61	40	18
25.4:	57	9.4	76	43	18
25.6:	75	13.7	100	53	18
25.8:	96	13.2	118	72	18
26.0:	112	12.3	132	89	18
26.2:	125	13.7	148	101	18
26.4:	139	13.6	165	120	18
26.6:	169	15.0	198	145	18
26.8:	262	19.3	291	234	18
27.0:	421	28.5	481	375	15
27.2:	645	25.1	686	609	15
27.4:	989	25.6	1030	954	14
27.6:	1619	44.9	1681	1548	6

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	430.3	----- N/A -----			1
23.8:	411.8	----- N/A -----			1
24.0:	392.4	.07	392.5	392.4	2
24.2:	373.4	.17	373.6	373.0	11
24.4:	354.3	.22	354.6	353.8	17
24.6:	335.2	.27	335.9	334.7	18
24.8:	316.1	.27	316.7	315.6	18
25.0:	297.1	.27	297.6	296.7	18
25.2:	278.2	.26	278.6	277.8	18
25.4:	259.4	.22	259.8	259.0	18
25.6:	240.6	.19	241.0	240.2	18
25.8:	221.7	.21	222.0	221.4	18
26.0:	202.8	.18	203.2	202.5	18
26.2:	184.0	.20	184.5	183.7	18
26.4:	165.3	.20	165.8	165.0	18
26.6:	146.7	.27	147.3	146.3	18
26.8:	128.4	.26	129.1	128.1	18
27.0:	110.5	.37	111.5	109.9	15
27.2:	92.9	.31	93.8	92.5	15
27.4:	75.4	.20	75.9	75.1	14
27.6:	57.9	.20	58.2	57.6	6

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	16.41	----- N/A -----			1
23.8:	15.61	----- N/A -----			1
24.0:	14.41	.007	14.42	14.41	2
24.2:	14.06	.461	14.77	13.26	11
24.4:	13.08	.448	13.71	12.21	17
24.6:	12.02	.487	12.92	11.25	18
24.8:	10.99	.478	11.79	10.16	18
25.0:	10.02	.467	10.76	9.16	18
25.2:	9.06	.419	9.63	8.24	18
25.4:	8.05	.428	8.68	7.26	18
25.6:	7.05	.439	7.78	6.33	18
25.8:	6.29	.373	6.99	5.62	18
26.0:	5.96	.379	6.87	5.35	18
26.2:	5.94	.392	6.84	5.38	18
26.4:	5.98	.432	6.77	5.11	18
26.6:	5.93	.305	6.60	5.37	18
26.8:	4.99	.204	5.61	4.71	18
27.0:	4.17	.150	4.60	3.98	15
27.2:	3.67	.108	3.97	3.52	15
27.4:	2.97	.046	3.07	2.89	14
27.6:	2.11	.034	2.17	2.07	6

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	429.8	----- N/A -----			1
23.8:	410.6	----- N/A -----			1
24.0:	387.8	5.09	391.4	384.2	2
24.2:	370.3	3.83	372.8	360.4	11
24.4:	349.1	4.36	353.7	339.7	17
24.6:	327.4	4.20	334.6	321.1	18
24.8:	307.8	3.65	315.6	301.6	18
25.0:	290.1	3.36	296.5	284.3	18
25.2:	273.6	3.00	277.0	268.7	18
25.4:	256.4	1.73	258.5	252.8	18
25.6:	238.8	.57	239.5	237.9	18
25.8:	220.0	.30	220.5	219.4	18
26.0:	200.8	.50	201.5	199.7	18
26.2:	181.7	.44	182.5	181.0	18
26.4:	163.1	.24	163.5	162.6	18
26.6:	144.3	.08	144.5	144.1	18
26.8:	125.3	.08	125.4	125.2	18
27.0:	106.2	.08	106.3	106.1	15
27.2:	87.2	.05	87.3	87.1	15
27.4:	68.1	.06	68.2	68.0	14
27.6:	48.7	.10	48.9	48.6	6

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.38	----- N/A -----			1
23.8:	1.26	----- N/A -----			1
24.0:	1.11	.403	1.40	.83	2
24.2:	1.04	.262	1.52	.59	11
24.4:	1.20	.250	1.63	.88	17
24.6:	1.37	.185	1.73	.97	18
24.8:	1.48	.184	1.83	1.07	18
25.0:	1.59	.180	1.94	1.19	18
25.2:	1.73	.188	2.08	1.36	18
25.4:	1.98	.294	2.62	1.47	18
25.6:	2.41	.388	3.11	1.70	18
25.8:	2.91	.355	3.42	2.25	18
26.0:	3.25	.330	3.68	2.52	18
26.2:	3.50	.350	3.97	2.79	18
26.4:	3.75	.350	4.31	3.10	18
26.6:	4.22	.344	4.89	3.70	18
26.8:	5.49	.390	6.17	4.92	18
27.0:	7.40	.464	8.42	6.70	15
27.2:	9.69	.420	10.51	8.95	15
27.4:	12.58	.434	13.40	11.85	14
27.6:	16.76	.669	17.75	16.04	6

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	.02	----- N/A -----			1
23.8:	.19	----- N/A -----			1
24.0:	.16	.099	.23	.09	2
24.2:	.15	.066	.27	.05	11
24.4:	.20	.067	.32	.03	17
24.6:	.26	.067	.42	.12	18
24.8:	.30	.073	.49	.15	18
25.0:	.35	.078	.56	.15	18
25.2:	.41	.092	.64	.27	18
25.4:	.56	.166	.89	.31	18
25.6:	.86	.284	1.45	.49	18
25.8:	1.30	.325	1.84	.74	18
26.0:	1.67	.345	2.22	1.02	18
26.2:	1.98	.405	2.65	1.28	18
26.4:	2.32	.442	3.13	1.64	18
26.6:	3.06	.525	4.11	2.21	18
26.8:	5.88	.840	7.31	4.64	18
27.0:	12.58	1.596	16.02	10.35	15
27.2:	25.07	2.041	28.51	21.96	15
27.4:	49.28	2.829	53.72	45.15	14
27.6:	104.67	6.116	113.76	96.04	6

SEPTEMBER

DELTA -OH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	12.760	----- N/A -----			1
23.8:	11.880	----- N/A -----			1
24.0:	11.751	.0226	11.767	11.735	2
24.2:	11.602	.2136	11.944	11.183	10
24.4:	11.335	.2119	11.806	11.014	14
24.6:	11.218	.2097	11.653	10.878	14
24.8:	11.108	.2070	11.509	10.763	14
25.0:	11.002	.2021	11.367	10.657	14
25.2:	10.876	.1780	11.115	10.558	14
25.4:	10.613	.1702	10.931	10.288	14
25.6:	10.165	.2993	10.695	9.558	14
25.8:	9.699	.2872	10.111	9.078	14
26.0:	9.371	.2824	9.878	8.867	14
26.2:	9.124	.2852	9.609	8.684	14
26.4:	8.860	.2389	9.296	8.519	14
26.6:	8.391	.1775	8.706	8.117	14
26.8:	7.110	.1474	7.353	6.830	14
27.0:	5.197	.2342	5.553	4.719	14
27.2:	2.915	.1930	3.174	2.595	14
27.4:	.004	.1960	.276	-.307	14
27.6:	-4.156	.3191	-3.670	-4.609	6

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	13.135	----- N/A -----			1
23.8:	13.087	----- N/A -----			1
24.0:	12.806	.3104	13.026	12.587	2
24.2:	12.625	.2748	13.005	12.105	10
24.4:	12.511	.2417	12.948	12.065	14
24.6:	12.444	.2393	12.882	12.003	14
24.8:	12.371	.2368	12.808	11.935	14
25.0:	12.292	.2344	12.727	11.861	14
25.2:	12.207	.2310	12.630	11.781	14
25.4:	12.110	.2224	12.511	11.695	14
25.6:	11.987	.2028	12.333	11.603	14
25.8:	11.823	.1861	12.130	11.483	14
26.0:	11.626	.1810	11.905	11.319	14
26.2:	11.405	.1779	11.688	11.119	14
26.4:	11.160	.1754	11.451	10.895	14
26.6:	10.880	.1703	11.178	10.636	14
26.8:	10.580	.1493	10.785	10.281	14
27.0:	9.889	.1188	10.129	9.708	14
27.2:	8.958	.0675	9.099	8.853	14
27.4:	7.535	.0191	7.584	7.509	14
27.6:	5.321	.0320	5.362	5.287	6

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:		----- N/A -----			0
23.8:		----- N/A -----			0
24.0:		----- N/A -----			0
24.2:	6.24	----- N/A -----			1
24.4:	6.18	.240	6.35	6.01	2
24.6:	6.42	.042	6.45	6.39	2
24.8:	6.54	.007	6.55	6.54	2
25.0:	6.64	.021	6.66	6.63	2
25.2:	6.70	.007	6.71	6.70	2
25.4:	6.75	.049	6.79	6.72	2
25.6:	6.77	.042	6.80	6.74	2
25.8:	6.66	.092	6.73	6.60	2
26.0:	6.17	.163	6.29	6.06	2
26.2:	5.48	.035	5.51	5.46	2
26.4:	4.92	.042	4.95	4.89	2
26.6:	4.66	.481	5.20	4.52	2
26.8:	3.20	.198	3.34	3.06	2
27.0:	1.64	----- N/A -----			1
27.2:	.73	----- N/A -----			1
27.4:	.43	----- N/A -----			1
27.6:	.88	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
23.6:	1509	----- N/A -----			1
23.8:	1507	----- N/A -----			1
24.0:	1503	.0	1503	1503	2
24.2:	1501	1.6	1504	1499	11
24.4:	1498	1.5	1500	1496	17
24.6:	1495	1.8	1498	1492	18
24.8:	1491	1.9	1495	1488	18
25.0:	1488	2.0	1491	1485	18
25.2:	1484	1.8	1487	1481	18
25.4:	1481	1.7	1483	1478	18
25.6:	1477	1.8	1480	1474	18
25.8:	1474	1.8	1478	1472	18
26.0:	1474	1.6	1478	1472	18
26.2:	1474	1.7	1478	1472	18
26.4:	1475	1.9	1479	1472	18
26.6:	1476	1.4	1479	1474	18
26.8:	1473	1.0	1477	1473	18
27.0:	1473	1.0	1476	1472	15
27.2:	1475	.8	1477	1474	15
27.4:	1478	.5	1479	1478	14
27.6:	1485	.8	1487	1485	6

OCTOBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.02	----- N/A -----			1
25.0:	10.24	.761	10.98	9.46	3
25.2:	9.19	.771	9.99	8.45	3
25.4:	8.26	.794	9.11	7.58	3
25.6:	7.31	.688	8.05	6.69	3
25.8:	6.51	.427	6.96	6.11	3
26.0:	6.11	.350	6.33	5.71	3
26.2:	6.10	.418	6.42	5.63	3
26.4:	6.08	.443	6.43	5.58	3
26.6:	5.85	.300	6.03	5.50	3
26.8:	4.98	.097	5.06	4.87	3
27.0:	4.21	.042	4.24	4.16	3
27.2:	3.65	.040	3.69	3.61	3
27.4:	3.02	.046	3.07	2.98	3
27.6:	2.25	.071	2.30	2.20	2

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	32.673	----- N/A -----			1
25.0:	32.562	.1606	32.720	32.399	3
25.2:	32.623	.1447	32.764	32.475	3
25.4:	32.679	.1308	32.804	32.543	3
25.6:	32.736	.1256	32.859	32.608	3
25.8:	32.843	.0678	32.917	32.784	3
26.0:	33.028	.0567	33.069	32.963	3
26.2:	33.281	.0648	33.329	33.207	3
26.4:	33.528	.0677	33.582	33.452	3
26.6:	33.744	.0459	33.771	33.691	3
26.8:	33.864	.0139	33.876	33.849	3
27.0:	34.011	.0053	34.016	34.005	3
27.2:	34.191	.0063	34.196	34.185	3
27.4:	34.367	.0053	34.372	34.363	3
27.6:	34.536	.0045	34.539	34.533	2

OCTOBER

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	48	----- N/A -----			1
25.0:	54	1.2	55	53	3
25.2:	60	2.1	62	58	3
25.4:	66	2.5	69	64	3
25.6:	74	4.9	78	69	3
25.8:	84	7.5	89	76	3
26.0:	103	12.0	115	91	3
26.2:	118	12.2	132	108	3
26.4:	139	11.5	153	133	3
26.6:	169	13.1	184	160	3
26.8:	239	24.0	264	216	3
27.0:	396	18.7	410	375	3
27.2:	622	26.9	638	591	3
27.4:	974	51.5	1026	923	3
27.6:	1558	108.2	1635	1482	2

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	316.8	----- N/A -----			1
25.0:	297.6	.12	297.7	297.5	3
25.2:	278.5	.21	278.7	278.3	3
25.4:	259.5	.26	259.8	259.3	3
25.6:	240.5	.25	240.8	240.3	3
25.8:	221.6	.10	221.7	221.5	3
26.0:	202.8	.17	203.0	202.7	3
26.2:	184.0	.26	184.3	183.8	3
26.4:	165.3	.25	165.6	165.1	3
26.6:	146.7	.30	147.0	146.4	3
26.8:	128.2	.25	128.4	127.9	3
27.0:	110.2	.12	110.3	110.1	3
27.2:	92.6	.29	92.8	92.3	3
27.4:	75.2	.25	75.5	75.0	3
27.6:	57.6	.42	57.9	57.3	2

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.02	----- N/A -----			1
25.0:	10.23	.768	10.98	9.46	3
25.2:	9.19	.767	9.98	8.45	3
25.4:	8.25	.789	9.10	7.54	3
25.6:	7.31	.683	8.04	6.69	3
25.8:	6.50	.423	6.95	6.11	3
26.0:	6.11	.344	6.52	5.71	3
26.2:	6.09	.418	6.41	5.62	3
26.4:	6.07	.443	6.42	5.57	3
26.6:	5.84	.300	6.02	5.49	3
26.8:	4.96	.097	5.04	4.85	3
27.0:	4.18	.042	4.21	4.13	3
27.2:	3.61	.035	3.64	3.57	3
27.4:	2.95	.045	3.00	2.91	3
27.6:	2.14	.078	2.20	2.09	2

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	315.4	----- N/A -----			1
25.0:	293.6	.31	293.9	293.3	3
25.2:	272.8	1.60	274.4	271.2	3
25.4:	255.0	2.90	257.9	252.1	3
25.6:	237.9	1.93	239.4	235.7	3
25.8:	219.6	.45	220.1	219.2	3
26.0:	201.0	.53	201.4	200.4	3
26.2:	182.0	.17	182.2	181.9	3
26.4:	163.1	.15	163.3	163.0	3
26.6:	144.3	.12	144.4	144.2	3
26.8:	125.4	.00	125.4	125.4	3
27.0:	106.2	.06	106.3	106.2	3
27.2:	87.2	.12	87.3	87.1	3
27.4:	68.1	.10	68.2	68.0	3
27.6:	48.8	.28	49.0	48.6	2

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1.57	----- N/A -----			1
25.0:	1.72	.066	1.78	1.65	3
25.2:	1.90	.090	1.99	1.81	3
25.4:	2.07	.110	2.18	1.96	3
25.6:	2.27	.156	2.41	2.10	3
25.8:	2.51	.217	2.67	2.26	3
26.0:	2.89	.330	3.22	2.56	3
26.2:	3.19	.323	3.54	2.90	3
26.4:	3.56	.308	3.91	3.33	3
26.6:	4.02	.324	4.39	3.81	3
26.8:	4.99	.468	5.51	4.61	3
27.0:	6.86	.336	7.18	6.51	3
27.2:	9.16	.432	9.56	8.70	3
27.4:	12.12	.669	12.83	11.50	3
27.6:	15.79	.870	16.41	15.18	2

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.39	----- N/A -----			1
25.0:	.48	.026	.50	.45	3
25.2:	.59	.042	.62	.54	3
25.4:	.70	.055	.75	.64	3
25.6:	.84	.103	.93	.73	3
25.8:	1.04	.165	1.15	.85	3
26.0:	1.41	.305	1.72	1.11	3
26.2:	1.76	.344	2.13	1.45	3
26.4:	2.25	.379	2.68	1.98	3
26.6:	2.97	.459	3.50	2.70	3
26.8:	5.02	.964	6.06	4.16	3
27.0:	11.08	1.042	11.75	9.88	3
27.2:	23.06	2.074	24.46	20.68	3
27.4:	47.31	4.970	52.25	42.31	3
27.6:	96.53	12.685	105.50	87.56	2

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	10.983	----- N/A -----			1
25.0:	10.524	.2515	10.778	10.275	3
25.2:	10.342	.2358	10.570	10.099	3
25.4:	10.173	.2229	10.377	9.935	3
25.6:	9.974	.2308	10.193	9.711	3
25.8:	9.738	.2813	9.910	9.413	3
26.0:	9.355	.2428	9.605	9.120	3
26.2:	9.051	.2010	9.266	8.868	3
26.4:	8.682	.1391	8.836	8.566	3
26.6:	8.226	.1141	8.358	8.156	3
26.8:	7.256	.1846	7.394	7.046	3
27.0:	5.387	.1076	5.497	5.282	3
27.2:	3.086	.1917	3.306	2.957	3
27.4:	.119	.3910	.507	-.275	3
27.6:	-3.708	.7566	-3.173	-4.243	2

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.515	----- N/A -----			1
25.0:	12.149	.2469	12.417	11.931	3
25.2:	12.038	.2464	12.305	11.819	3
25.4:	11.917	.2453	12.181	11.696	3
25.6:	11.784	.2411	12.041	11.563	3
25.8:	11.632	.2382	11.880	11.405	3
26.0:	11.456	.2350	11.693	11.223	3
26.2:	11.247	.2232	11.460	11.015	3
26.4:	11.007	.2083	11.195	10.763	3
26.6:	10.720	.1895	10.881	10.511	3
26.8:	10.348	.1558	10.463	10.171	3
27.0:	9.789	.1164	9.871	9.656	3
27.2:	8.899	.0849	8.970	8.805	3
27.4:	7.521	.0225	7.544	7.499	3
27.6:	5.379	.0537	5.417	5.341	2

OCTOBER

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0
27.6:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1495	----- N/A -----			1
25.0:	1489	3.0	1492	1486	3
25.2:	1485	3.5	1489	1482	3
25.4:	1481	3.1	1485	1479	3
25.6:	1478	3.1	1482	1476	3
25.8:	1475	2.1	1478	1474	3
26.0:	1474	1.5	1476	1473	3
26.2:	1475	2.1	1477	1473	3
26.4:	1475	1.5	1477	1474	3
26.6:	1475	1.5	1477	1474	3
26.8:	1473	.6	1474	1473	3
27.0:	1473	.0	1473	1473	3
27.2:	1474	.6	1475	1474	3
27.4:	1478	1.0	1479	1477	3
27.6:	1485	1.4	1486	1484	2

NOVEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.20	----- N/A -----			1
25.2:	9.28	----- N/A -----			1
25.4:	8.26	----- N/A -----			1
25.6:	7.26	----- N/A -----			1
25.8:	6.45	----- N/A -----			1
26.0:	6.31	----- N/A -----			1
26.2:	6.23	----- N/A -----			1
26.4:	6.19	----- N/A -----			1
26.6:	6.07	----- N/A -----			1
26.8:	5.08	----- N/A -----			1
27.0:	4.33	----- N/A -----			1
27.2:	3.72	----- N/A -----			1
27.4:	3.06	----- N/A -----			1
27.6:	2.17	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	32.510	----- N/A -----			1
25.2:	32.578	----- N/A -----			1
25.4:	32.654	----- N/A -----			1
25.6:	32.729	----- N/A -----			1
25.8:	32.822	----- N/A -----			1
26.0:	33.058	----- N/A -----			1
26.2:	33.296	----- N/A -----			1
26.4:	33.543	----- N/A -----			1
26.6:	33.776	----- N/A -----			1
26.8:	33.878	----- N/A -----			1
27.0:	34.028	----- N/A -----			1
27.2:	34.200	----- N/A -----			1
27.4:	34.370	----- N/A -----			1
27.6:	34.530	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	68	----- N/A -----			1
25.2:	73	----- N/A -----			1
25.4:	79	----- N/A -----			1
25.6:	86	----- N/A -----			1
25.8:	93	----- N/A -----			1
26.0:	108	----- N/A -----			1
26.2:	122	----- N/A -----			1
26.4:	134	----- N/A -----			1
26.6:	163	----- N/A -----			1
26.8:	245	----- N/A -----			1
27.0:	412	----- N/A -----			1
27.2:	662	----- N/A -----			1
27.4:	990	----- N/A -----			1
27.6:	1669	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	298.0	----- N/A -----			1
25.2:	278.9	----- N/A -----			1
25.4:	259.8	----- N/A -----			1
25.6:	240.7	----- N/A -----			1
25.8:	221.7	----- N/A -----			1
26.0:	202.9	----- N/A -----			1
26.2:	184.1	----- N/A -----			1
26.4:	165.3	----- N/A -----			1
26.6:	146.7	----- N/A -----			1
26.8:	128.3	----- N/A -----			1
27.0:	110.5	----- N/A -----			1
27.2:	93.1	----- N/A -----			1
27.4:	75.5	----- N/A -----			1
27.6:	58.0	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.19	----- N/A -----			1
25.2:	9.27	----- N/A -----			1
25.4:	8.25	----- N/A -----			1
25.6:	7.26	----- N/A -----			1
25.8:	6.44	----- N/A -----			1
26.0:	6.30	----- N/A -----			1
26.2:	6.22	----- N/A -----			1
26.4:	6.18	----- N/A -----			1
26.6:	6.05	----- N/A -----			1
26.8:	5.06	----- N/A -----			1
27.0:	4.30	----- N/A -----			1
27.2:	3.67	----- N/A -----			1
27.4:	2.99	----- N/A -----			1
27.6:	2.06	----- N/A -----			1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	296.5	----- N/A -----			1
25.2:	277.2	----- N/A -----			1
25.4:	256.7	----- N/A -----			1
25.6:	237.6	----- N/A -----			1
25.8:	220.4	----- N/A -----			1
26.0:	201.1	----- N/A -----			1
26.2:	182.3	----- N/A -----			1
26.4:	163.3	----- N/A -----			1
26.6:	144.4	----- N/A -----			1
26.8:	125.4	----- N/A -----			1
27.0:	106.2	----- N/A -----			1
27.2:	87.1	----- N/A -----			1
27.4:	68.2	----- N/A -----			1
27.6:	48.6	----- N/A -----			1

NOVEMBER

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	2.10	----- N/A -----			1
25.2:	2.25	----- N/A -----			1
25.4:	2.41	----- N/A -----			1
25.6:	2.57	----- N/A -----			1
25.8:	2.74	----- N/A -----			1
26.0:	3.07	----- N/A -----			1
26.2:	3.33	----- N/A -----			1
26.4:	3.54	----- N/A -----			1
26.6:	4.00	----- N/A -----			1
26.8:	5.12	----- N/A -----			1
27.0:	7.12	----- N/A -----			1
27.2:	9.67	----- N/A -----			1
27.4:	12.45	----- N/A -----			1
27.6:	16.98	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	.74	----- N/A -----			1
25.2:	.84	----- N/A -----			1
25.4:	.97	----- N/A -----			1
25.6:	1.11	----- N/A -----			1
25.8:	1.26	----- N/A -----			1
26.0:	1.60	----- N/A -----			1
26.2:	1.91	----- N/A -----			1
26.4:	2.18	----- N/A -----			1
26.6:	2.88	----- N/A -----			1
26.8:	5.23	----- N/A -----			1
27.0:	11.93	----- N/A -----			1
27.2:	25.91	----- N/A -----			1
27.4:	49.44	----- N/A -----			1
27.6:	110.72	----- N/A -----			1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.353	----- N/A -----			1
25.2:	10.207	----- N/A -----			1
25.4:	10.044	----- N/A -----			1
25.6:	9.884	----- N/A -----			1
25.8:	9.711	----- N/A -----			1
26.0:	9.386	----- N/A -----			1
26.2:	9.125	----- N/A -----			1
26.4:	8.912	----- N/A -----			1
26.6:	8.454	----- N/A -----			1
26.8:	7.331	----- N/A -----			1
27.0:	5.336	----- N/A -----			1
27.2:	2.787	----- N/A -----			1
27.4:	.000	----- N/A -----			1
27.6:	-4.521	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	12.395	----- N/A -----			1
25.2:	12.259	----- N/A -----			1
25.4:	12.113	----- N/A -----			1
25.6:	11.955	----- N/A -----			1
25.8:	11.786	----- N/A -----			1
26.0:	11.596	----- N/A -----			1
26.2:	11.377	----- N/A -----			1
26.4:	11.136	----- N/A -----			1
26.6:	10.864	----- N/A -----			1
26.8:	10.501	----- N/A -----			1
27.0:	9.929	----- N/A -----			1
27.2:	8.998	----- N/A -----			1
27.4:	7.546	----- N/A -----			1
27.6:	5.267	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	6.56	----- N/A -----			1
25.2:	6.56	----- N/A -----			1
25.4:	6.55	----- N/A -----			1
25.6:	6.55	----- N/A -----			1
25.8:	6.46	----- N/A -----			1
26.0:	5.84	----- N/A -----			1
26.2:	5.24	----- N/A -----			1
26.4:	4.63	----- N/A -----			1
26.6:	3.90	----- N/A -----			1
26.8:	2.69	----- N/A -----			1
27.0:	1.19	----- N/A -----			1
27.2:	.63	----- N/A -----			1
27.4:	.52	----- N/A -----			1
27.6:	.94	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1489	----- N/A -----			1
25.2:	1486	----- N/A -----			1
25.4:	1482	----- N/A -----			1
25.6:	1479	----- N/A -----			1
25.8:	1476	----- N/A -----			1
26.0:	1476	----- N/A -----			1
26.2:	1476	----- N/A -----			1
26.4:	1476	----- N/A -----			1
26.6:	1476	----- N/A -----			1
26.8:	1474	----- N/A -----			1
27.0:	1474	----- N/A -----			1
27.2:	1475	----- N/A -----			1
27.4:	1478	----- N/A -----			1
27.6:	1486	----- N/A -----			1

DECEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.92	.528	9.67	8.41	6
25.4:	8.00	.480	8.77	7.33	10
25.6:	7.26	.491	7.95	6.65	11
25.8:	6.57	.451	7.20	5.93	11
26.0:	6.04	.518	6.83	5.22	11
26.2:	5.91	.468	6.66	5.22	11
26.4:	5.89	.455	6.56	5.25	11
26.6:	5.61	.467	6.50	4.87	11
26.8:	4.95	.337	5.63	4.36	11
27.0:	4.19	.179	4.62	3.95	10
27.2:	3.68	.060	3.80	3.58	10
27.4:	3.02	.059	3.09	2.91	9
27.6:	2.20	.064	2.27	2.16	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	32.514	.1180	32.678	32.402	6
25.4:	32.603	.0975	32.771	32.480	10
25.6:	32.727	.0744	32.855	32.626	11
25.8:	32.862	.0758	32.968	32.748	11
26.0:	33.018	.0827	33.148	32.890	11
26.2:	33.252	.0731	33.375	33.147	11
26.4:	33.500	.0702	33.603	33.402	11
26.6:	33.738	.0720	33.849	33.595	11
26.8:	33.860	.0986	33.961	33.778	11
27.0:	34.009	.0246	34.068	33.976	10
27.2:	34.195	.0060	34.211	34.183	10
27.4:	34.367	.0071	34.375	34.354	9
27.6:	34.531	.0063	34.539	34.527	3

DECEMBER

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	52	27.5	81	10	6
25.4:	80	9.5	98	63	10
25.6:	88	10.4	105	74	11
25.8:	97	10.1	113	86	11
26.0:	110	12.7	127	92	11
26.2:	125	14.0	143	108	11
26.4:	141	15.5	164	122	11
26.6:	166	15.8	201	145	11
26.8:	254	13.8	281	243	11
27.0:	419	17.1	458	399	10
27.2:	650	21.3	698	624	10
27.4:	995	26.3	1022	950	9
27.6:	1659	12.2	1667	1645	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	278.5	.48	279.0	277.8	6
25.4:	259.7	.15	259.9	259.5	10
25.6:	240.7	.20	241.1	240.5	11
25.8:	221.7	.23	222.1	221.4	11
26.0:	202.8	.24	203.2	202.5	11
26.2:	184.0	.25	184.4	183.7	11
26.4:	165.3	.25	165.7	164.9	11
26.6:	146.6	.27	147.1	146.3	11
26.8:	128.3	.27	128.8	127.9	11
27.0:	110.4	.26	110.9	110.1	10
27.2:	92.9	.21	93.2	92.6	10
27.4:	75.4	.19	75.6	75.1	9
27.6:	58.0	.21	58.2	57.8	3

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	8.92	.525	9.66	8.40	6
25.4:	8.00	.480	8.77	7.32	10
25.6:	7.25	.420	7.95	6.64	11
25.8:	6.56	.449	7.19	5.93	11
26.0:	6.03	.517	6.82	5.21	11
26.2:	5.90	.467	6.65	5.21	11
26.4:	5.88	.452	6.55	5.24	11
26.6:	5.79	.464	6.49	4.85	11
26.8:	4.93	.337	5.61	4.34	11
27.0:	4.16	.179	4.59	3.92	10
27.2:	3.63	.059	3.75	3.54	10
27.4:	2.95	.059	3.02	2.84	9
27.6:	2.08	.061	2.15	2.04	3

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	276.8	1.00	277.6	275.3	6
25.4:	257.0	1.24	258.5	255.4	10
25.6:	237.8	1.14	239.4	235.9	11
25.8:	218.9	.94	220.1	217.8	11
26.0:	201.0	.48	201.5	199.8	11
26.2:	181.9	.37	182.5	181.4	11
26.4:	163.1	.17	163.4	162.9	11
26.6:	144.3	.08	144.5	144.2	11
26.8:	125.4	.07	125.4	125.2	11
27.0:	106.2	.10	106.4	106.1	10
27.2:	87.2	.08	87.3	87.1	10
27.4:	68.1	.06	68.2	68.0	9
27.6:	48.7	.10	48.8	48.6	3

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1.52	.812	2.37	.28	6
25.4:	2.21	.272	2.58	1.80	10
25.6:	2.40	.305	2.76	1.89	11
25.8:	2.62	.301	3.00	2.19	11
26.0:	2.90	.350	3.41	2.43	11
26.2:	3.18	.372	3.72	2.72	11
26.4:	3.46	.401	4.09	3.03	11
26.6:	3.86	.398	4.67	3.49	11
26.8:	5.05	.356	5.76	4.71	11
27.0:	7.02	.374	7.89	6.65	10
27.2:	9.38	.434	10.35	8.87	10
27.4:	12.31	.451	12.98	11.60	9
27.6:	16.61	.199	16.83	16.49	3

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	.50	.398	.98	.01	6
25.4:	.92	.217	1.30	.57	10
25.6:	1.09	.261	1.46	.71	11
25.8:	1.30	.278	1.69	.96	11
26.0:	1.61	.358	2.09	1.13	11
26.2:	1.95	.423	2.52	1.43	11
26.4:	2.34	.507	3.10	1.60	11
26.6:	2.96	.580	4.18	2.31	11
26.8:	5.53	.678	6.87	4.94	11
27.0:	12.34	1.091	14.93	11.46	10
27.2:	25.27	1.819	29.48	23.10	10
27.4:	49.73	2.712	52.34	45.11	9
27.6:	109.10	.875	110.04	108.31	3

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	10.443	.2913	10.719	10.179	4
25.4:	10.099	.2764	10.443	9.694	8
25.6:	9.671	.2108	10.181	9.519	9
25.8:	9.639	.1565	9.905	9.376	9
26.0:	9.369	.1251	9.594	9.217	9
26.2:	9.082	.1568	9.265	8.827	9
26.4:	8.803	.1591	9.053	8.563	9
26.6:	8.405	.1475	8.591	8.187	9
26.8:	7.183	.1244	7.375	6.960	9
27.0:	5.227	.1593	5.467	4.966	9
27.2:	2.875	.1647	3.075	2.504	9
27.4:	-.034	.1983	.302	-.245	9
27.6:	-4.435	.0779	-4.346	-4.491	3

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	12.360	.3211	12.776	12.061	4
25.4:	12.190	.2578	12.617	11.902	8
25.6:	12.000	.2419	12.445	11.756	9
25.8:	11.823	.2270	12.260	11.590	9
26.0:	11.626	.2088	12.042	11.409	9
26.2:	11.402	.1882	11.786	11.209	9
26.4:	11.152	.1675	11.501	10.973	9
26.6:	10.867	.1425	11.163	10.697	9
26.8:	10.497	.1171	10.740	10.340	9
27.0:	9.693	.0969	10.085	9.752	9
27.2:	8.963	.0630	9.066	8.867	9
27.4:	7.535	.0192	7.559	7.511	9
27.6:	5.289	.0438	5.339	5.259	3

DECEMBER

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	STD SIGMA T	SOUND MEAN	S.D.	MAX	MIN	N
25.2:	-----	N/A	-----		0	25.2:	1484	2.8	1488	1481	6
25.4:	-----	N/A	-----		0	25.4:	1481	2.0	1484	1479	10
25.6:	-----	N/A	-----		0	25.6:	1478	1.8	1481	1476	11
25.8:	-----	N/A	-----		0	25.8:	1476	1.9	1479	1474	11
26.0:	-----	N/A	-----		0	26.0:	1474	2.4	1478	1471	11
26.2:	-----	N/A	-----		0	26.2:	1474	2.0	1477	1472	11
26.4:	-----	N/A	-----		0	26.4:	1475	2.1	1478	1472	11
26.6:	-----	N/A	-----		0	26.6:	1475	2.1	1478	1471	11
26.8:	-----	N/A	-----		0	26.8:	1473	1.5	1476	1471	11
27.0:	-----	N/A	-----		0	27.0:	1473	.9	1475	1472	10
27.2:	-----	N/A	-----		0	27.2:	1475	.6	1476	1474	10
27.4:	-----	N/A	-----		0	27.4:	1478	.5	1479	1478	9
27.6:	-----	N/A	-----		0	27.6:	1486	.0	1486	1486	3

Table 15. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, using all data, for Station 10.

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	9.20	2.790	14.95	5.00	133	32.580	.1064	32.870	32.250	133
10:	9.14	2.792	14.67	5.21	133	32.577	.1020	32.870	32.316	133
20:	8.95	2.630	14.65	5.22	133	32.580	.1009	32.855	32.310	133
30:	8.32	2.161	14.36	5.21	133	32.592	.1011	32.899	32.300	133
50:	7.20	1.127	10.24	5.09	133	32.621	.0982	32.960	32.440	133
75:	6.50	.800	9.27	4.92	133	32.665	.1121	33.040	32.450	133
100:	5.86	.564	7.83	4.73	133	32.802	.1720	33.454	32.510	133
125:	5.52	.429	6.60	4.38	133	33.190	.2706	33.770	32.691	133
150:	5.49	.401	6.43	4.42	133	33.596	.1606	33.910	33.094	133
175:	5.37	.421	6.29	4.27	133	33.759	.0865	33.940	33.441	133
200:	5.14	.414	6.07	4.04	133	33.812	.0582	33.940	33.667	133
225:	4.90	.382	5.93	3.92	133	33.833	.0486	33.940	33.710	133
250:	4.69	.338	5.70	3.81	133	33.853	.0431	33.956	33.731	133
300:	4.37	.244	5.26	3.70	133	33.893	.0378	33.990	33.773	133
400:	4.04	.152	4.52	3.65	128	33.995	.0304	34.087	33.929	128
500:	3.85	.104	4.09	3.57	108	34.089	.0254	34.174	34.019	108
600:	3.66	.084	3.84	3.41	107	34.170	.0256	34.256	34.104	107
700:	3.48	.073	3.63	3.29	104	34.236	.0247	34.310	34.168	104
800:	3.30	.065	3.46	3.12	104	34.290	.0253	34.360	34.175	104
900:	3.13	.056	3.25	2.97	104	34.335	.0218	34.401	34.267	104
1000:	2.97	.046	3.07	2.85	104	34.374	.0185	34.440	34.320	104
1200:	2.69	.046	2.85	2.60	104	34.436	.0205	34.502	34.379	104
1500:	2.35	.049	2.58	2.25	91	34.505	.0209	34.579	34.439	91
2000:	1.99	.093	2.23	1.94	9	34.579	.0247	34.600	34.525	9
2500:	1.73	.020	1.75	1.70	6	34.628	.0099	34.639	34.613	6
3000:	1.61	.012	1.63	1.60	6	34.653	.0096	34.665	34.638	6
3500:	1.55	.015	1.56	1.53	6	34.668	.0081	34.678	34.657	6

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.178	.5031	25.857	24.067	133	279.8	47.89	385.6	215.1	133
10:	25.185	.5001	25.839	24.126	133	279.3	47.65	380.2	217.0	133
20:	25.220	.4667	25.846	24.126	133	276.1	44.51	380.4	216.4	133
30:	25.337	.3803	25.850	24.197	133	265.1	36.30	374.0	216.2	133
50:	25.536	.1883	25.876	25.000	133	246.3	18.01	297.6	213.8	133
75:	25.667	.1509	25.999	25.280	133	234.1	14.44	271.2	202.6	133
100:	25.857	.1481	26.400	25.486	133	216.7	14.10	251.7	164.7	133
125:	26.204	.1903	26.629	25.794	133	183.5	17.98	222.6	143.3	133
150:	26.528	.1066	26.741	26.253	133	153.1	10.06	178.8	132.7	133
175:	26.671	.0543	26.812	26.493	133	139.8	5.16	156.4	126.1	133
200:	26.740	.0374	26.861	26.662	133	133.5	3.63	141.0	121.7	133
225:	26.784	.0342	26.898	26.708	133	129.5	3.35	136.7	118.3	133
250:	26.823	.0324	26.930	26.752	133	126.9	3.18	133.2	115.4	133
300:	26.891	.0315	26.990	26.804	133	119.8	3.06	128.6	110.2	133
400:	27.006	.0269	27.094	26.932	128	109.6	2.60	116.8	101.0	128
500:	27.100	.0241	27.174	27.028	108	101.4	2.35	108.3	94.0	108
600:	27.183	.0236	27.257	27.117	107	94.0	2.27	100.5	87.0	107
700:	27.253	.0225	27.314	27.192	104	88.0	2.17	93.4	82.0	104
800:	27.313	.0223	27.375	27.220	104	82.7	2.15	91.5	76.7	104
900:	27.365	.0191	27.416	27.311	104	78.2	1.84	83.3	73.2	104
1000:	27.411	.0164	27.460	27.367	104	74.2	1.59	78.3	69.7	104
1200:	27.485	.0182	27.538	27.432	104	67.7	1.76	73.0	62.8	104
1500:	27.569	.0183	27.629	27.509	91	60.4	1.78	66.7	54.8	91
2000:	27.657	.0268	27.676	27.595	9	52.9	2.90	59.7	51.0	9
2500:	27.716	.0083	27.725	27.704	6	47.9	.81	49.1	47.0	6
3000:	27.746	.0078	27.756	27.734	6	45.9	.71	46.9	45.0	6
3500:	27.762	.0068	27.770	27.752	6	45.3	.69	46.4	44.5	6

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	9.40	2.790	14.95	5.00	133	279.8	47.89	385.6	215.1	133
10:	9.14	2.792	14.67	5.21	133	279.1	47.59	379.9	216.9	133
20:	8.95	2.630	14.65	5.22	133	275.7	44.40	379.8	216.2	133
30:	8.32	2.160	14.35	5.21	133	264.6	36.17	373.1	215.8	133
50:	7.20	1.125	10.24	5.09	133	245.6	17.90	296.6	213.3	133
75:	6.49	.801	9.27	4.91	133	237.1	14.33	269.9	201.6	133
100:	5.85	.563	7.82	4.72	133	215.1	14.07	250.3	163.5	133
125:	5.51	.428	6.59	4.37	133	182.1	18.07	221.0	141.7	133
150:	5.48	.401	6.42	4.41	133	151.3	10.12	177.4	131.1	133
175:	5.35	.420	6.27	4.26	133	137.7	5.15	154.6	124.4	133
200:	5.12	.413	6.06	4.03	133	131.7	3.55	138.6	119.7	133
225:	4.88	.382	5.91	3.90	133	126.9	3.24	134.2	116.2	133
250:	4.67	.338	5.68	3.79	133	121.3	3.07	129.9	113.1	133
300:	4.35	.244	5.24	3.68	133	116.8	2.98	125.0	107.4	133
400:	4.01	.152	4.49	3.62	128	105.9	2.55	112.9	97.5	126
500:	3.82	.104	4.06	3.53	108	96.9	2.28	103.7	89.8	108
600:	3.62	.084	3.80	3.37	107	88.9	2.23	95.2	82.0	107
700:	3.43	.073	3.58	3.24	104	82.2	2.13	88.0	76.4	104
800:	3.24	.064	3.40	3.06	104	76.5	2.11	85.3	70.6	104
900:	3.07	.055	3.18	2.91	104	71.5	1.81	76.7	66.7	104
1000:	2.90	.045	3.00	2.78	104	67.2	1.55	71.3	62.5	104
1200:	2.61	.045	2.76	2.52	104	60.0	1.72	65.0	55.0	104
1500:	2.25	.047	2.47	2.15	91	52.0	1.72	57.6	46.3	91
2000:	1.85	.093	2.09	1.80	9	43.4	2.52	49.2	41.6	9
2500:	1.56	.015	1.57	1.53	6	37.5	.77	38.7	36.7	6
3000:	1.39	.012	1.41	1.38	6	34.4	.74	35.6	33.6	6
3500:	1.27	.014	1.29	1.26	6	32.6	.66	33.6	31.9	6

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	133	.00	.000	.00	.00	133
10:	.28	.048	.39	.22	133	.01	.005	.02	.01	133
20:	.56	.099	.76	.43	133	.06	.009	.08	.04	133
30:	.83	.134	1.14	.65	133	.13	.019	.18	.10	133
50:	1.34	.177	1.79	1.08	133	.33	.037	.44	.28	133
75:	1.95	.198	2.45	1.62	133	.72	.056	.85	.62	133
100:	2.50	.211	3.04	2.14	133	1.22	.075	1.38	1.06	133
125:	3.01	.221	3.55	2.59	133	1.79	.098	2.02	1.50	133
150:	3.43	.234	4.00	2.94	133	2.38	.132	2.67	1.99	133
175:	3.79	.241	4.39	3.28	133	2.98	.154	3.30	2.55	133
200:	4.13	.248	4.75	3.60	133	3.63	.168	3.98	3.16	133
225:	4.46	.253	5.09	3.91	133	4.34	.181	4.71	3.85	133
250:	4.78	.257	5.42	4.22	133	5.12	.194	5.51	4.59	133
300:	5.39	.264	6.06	4.80	133	6.84	.224	7.31	6.16	133
400:	6.54	.278	7.24	5.85	128	10.92	.293	11.67	9.92	128
500:	7.57	.306	8.32	6.83	108	15.72	.402	16.84	14.40	108
600:	8.55	.320	9.32	7.74	107	21.19	.513	22.69	19.47	107
700:	9.46	.331	10.26	8.58	104	27.21	.649	29.14	25.04	104
800:	10.31	.344	11.13	9.37	104	33.73	.787	36.10	31.13	104
900:	11.12	.357	11.94	10.12	104	40.69	.939	43.58	37.61	104
1000:	11.88	.368	12.71	10.84	104	48.06	1.087	51.33	44.56	104
1200:	13.29	.389	14.14	12.18	104	63.93	1.408	67.68	59.55	104
1500:	15.20	.431	16.09	14.01	91	90.19	2.036	98.64	84.68	91
2000:	18.10	.735	18.93	16.76	9	141.26	4.996	149.86	133.70	9
2500:	20.32	.814	21.50	19.21	6	196.99	5.720	207.16	190.05	6
3000:	22.65	.843	23.89	21.53	6	262.40	6.614	274.23	255.11	6
3500:	24.93	.852	26.20	23.84	6	337.80	7.083	350.69	331.49	6

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.81	.413	7.46	6.27	8	1483	10.2	1504	1468	133
10:	6.82	.436	7.36	6.15	8	1483	10.2	1503	1469	133
20:	6.85	.403	7.35	6.27	8	1483	9.6	1504	1469	133
30:	6.92	.350	7.34	6.37	8	1481	8.0	1503	1469	133
50:	6.99	.284	7.29	6.41	8	1477	4.4	1489	1469	133
75:	6.88	.477	7.34	5.83	8	1475	3.2	1486	1469	133
100:	6.56	.650	7.07	5.36	8	1473	2.3	1481	1469	133
125:	5.46	1.040	6.86	3.50	8	1472	2.0	1478	1467	133
150:	4.84	.409	5.31	3.99	8	1473	1.8	1478	1469	133
175:	4.19	.719	4.58	3.59	8	1473	1.8	1478	1469	133
200:	3.77	.258	3.99	3.28	8	1473	1.8	1477	1469	133
225:	3.42	.296	3.72	2.98	8	1472	1.6	1477	1468	133
250:	3.06	.321	3.43	2.53	8	1472	1.5	1476	1468	133
300:	2.46	.343	2.84	1.79	8	1471	1.1	1476	1469	133
400:	1.60	.242	1.94	1.16	8	1472	.7	1474	1471	128
500:	1.10	.181	1.36	.76	8	1473	.5	1474	1472	108
600:	.82	.109	1.01	.70	6	1474	.5	1475	1473	107
700:	.63	.053	.71	.57	7	1475	.3	1476	1474	104
800:	.57	.045	.65	.52	7	1476	.2	1477	1475	104
900:	.56	.102	.77	.48	7	1476	.2	1478	1476	104
1000:	.57	.145	.88	.47	7	1478	.0	1478	1478	104
1200:	.63	.223	1.06	.47	6	1480	.2	1481	1480	104
1500:	.84	.263	1.28	.66	5	1483	.3	1485	1483	91
2000:	1.37	.125	1.56	1.27	5	1491	.5	1492	1490	9
2500:	1.84	.121	1.90	1.62	5	1498	.0	1498	1496	6
3000:	2.51	.124	2.72	2.40	5	1506	.0	1506	1506	6
3500:	2.66	.021	2.88	2.65	2	1514	.0	1514	1514	6

STD PRESS	DELTA -DH MEAN	S.D.	MAX	MIN	N
0:	11.876	.3680	12.710	10.838	104
10:	11.599	.3366	12.405	10.548	104
20:	11.322	.3089	12.134	10.361	104
30:	11.049	.2862	11.862	10.136	104
50:	10.535	.2593	11.321	9.691	104
75:	9.928	.2425	10.644	9.148	104
100:	9.368	.2233	10.026	8.652	104
125:	8.873	.2057	9.491	8.190	104
150:	8.462	.1916	9.025	7.824	104
175:	8.101	.1828	8.636	7.561	104
200:	7.761	.1756	8.282	7.193	104
225:	7.435	.1683	7.938	6.892	104
250:	7.116	.1617	7.600	6.600	104
300:	6.500	.1498	6.945	6.041	104
400:	5.356	.1238	5.721	4.986	104
500:	4.302	.0993	4.593	4.009	104
600:	3.327	.0778	3.548	3.103	104
700:	2.418	.0569	2.599	2.262	104
800:	1.565	.0370	1.675	1.466	104
900:	.761	.0173	.801	.708	104
1000:	.000	.0000	.000	.000	104
1200:	-1.415	.0341	-1.332	-1.507	104
1500:	-3.326	.0838	-3.093	-3.566	91
2000:	-6.201	.2603	-5.919	-6.716	9
2500:	-8.629	.2624	-8.375	-9.127	6
3000:	-10.963	.2954	-10.695	-11.520	6
3500:	-13.239	.3113	-13.000	-13.829	6

Table 16. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, by months, for Station 10.

JANUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.37	.369	7.90	6.68	13
10:	7.35	.371	7.90	6.69	13
20:	7.36	.369	7.90	6.70	13
30:	7.35	.365	7.90	6.70	13
50:	7.33	.359	7.90	6.69	13
75:	7.27	.334	7.88	6.73	13
100:	6.34	.725	7.83	5.32	13
125:	5.43	.378	6.11	4.70	13
150:	5.45	.250	5.89	5.11	13
175:	5.37	.247	5.90	4.94	13
200:	5.17	.254	5.73	4.76	13
225:	4.91	.276	5.55	4.48	13
250:	4.71	.252	5.30	4.40	13
300:	4.41	.203	4.87	4.08	13
400:	4.04	.141	4.26	3.78	13
500:	3.84	.096	3.99	3.70	12
600:	3.67	.081	3.80	3.51	12
700:	3.50	.060	3.63	3.39	12
800:	3.32	.040	3.38	3.25	12
900:	3.13	.030	3.18	3.09	12
1000:	2.97	.023	3.00	2.93	12
1200:	2.68	.037	2.75	2.62	12
1500:	2.33	.038	2.38	2.25	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.532	.0582	32.640	32.440	13
10:	32.528	.0558	32.640	32.440	13
20:	32.531	.0592	32.638	32.430	13
30:	32.532	.0611	32.630	32.430	13
50:	32.535	.0610	32.635	32.440	13
75:	32.544	.0596	32.660	32.450	13
100:	32.744	.1367	32.990	32.510	13
125:	33.194	.2605	33.600	32.790	13
150:	33.597	.1532	33.793	33.320	13
175:	33.776	.0628	33.884	33.650	13
200:	33.823	.0540	33.910	33.707	13
225:	33.845	.0525	33.928	33.730	13
250:	33.862	.0530	33.956	33.750	13
300:	33.902	.0444	33.990	33.817	13
400:	33.995	.0358	34.074	33.937	13
500:	34.090	.0287	34.149	34.047	12
600:	34.174	.0249	34.220	34.132	12
700:	34.240	.0261	34.286	34.193	12
800:	34.299	.0198	34.340	34.263	12
900:	34.343	.0155	34.377	34.320	12
1000:	34.380	.0121	34.400	34.358	12
1200:	34.441	.0112	34.457	34.420	12
1500:	34.513	.0119	34.527	34.486	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.450	.0740	25.604	25.351	13
10:	25.449	.0643	25.603	25.355	13
20:	25.451	.0633	25.602	25.347	13
30:	25.453	.0628	25.602	25.346	13
50:	25.458	.0626	25.603	25.354	13
75:	25.473	.0565	25.598	25.361	13
100:	25.751	.1767	26.038	25.486	13
125:	26.219	.1989	26.522	25.918	13
150:	26.535	.1115	26.694	26.352	13
175:	26.684	.0513	26.791	26.598	13
200:	26.746	.0415	26.832	26.681	13
225:	26.793	.0380	26.875	26.738	13
250:	26.829	.0403	26.925	26.769	13
300:	26.893	.0304	26.972	26.857	13
400:	27.007	.0257	27.071	26.963	13
500:	27.102	.0218	27.147	27.057	12
600:	27.186	.0209	27.223	27.139	12
700:	27.255	.0231	27.293	27.204	12
800:	27.319	.0157	27.349	27.285	12
900:	27.371	.0125	27.400	27.349	12
1000:	27.416	.0097	27.433	27.395	12
1200:	27.490	.0088	27.506	27.473	12
1500:	27.577	.0092	27.588	27.556	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	253.9	7.04	263.3	239.2	13
10:	254.1	6.12	263.0	239.4	13
20:	254.0	6.04	263.9	239.6	13
30:	254.0	5.99	264.2	239.8	13
50:	253.8	5.97	263.7	240.0	13
75:	252.7	5.39	263.3	240.7	13
100:	226.4	16.91	251.7	199.0	13
125:	182.1	18.78	210.9	153.5	13
150:	152.5	10.54	169.7	137.4	13
175:	138.6	4.88	146.7	128.5	13
200:	132.9	3.95	139.0	124.8	13
225:	129.7	3.65	133.6	120.8	13
250:	125.4	3.66	131.0	116.2	13
300:	119.6	2.88	123.4	112.1	13
400:	109.5	2.44	113.6	103.4	13
500:	101.1	2.08	105.5	96.8	12
600:	93.8	1.99	98.4	90.4	12
700:	87.8	2.20	92.8	84.3	12
800:	82.2	1.47	85.5	79.4	12
900:	77.6	1.18	79.8	74.9	12
1000:	73.7	.93	75.7	72.0	12
1200:	67.2	.85	68.8	65.6	12
1500:	59.5	.85	61.4	58.4	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

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THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.37	.169	7.90	6.68	13
10:	7.35	.171	7.90	6.69	13
20:	7.36	.170	7.90	6.69	13
30:	7.35	.165	7.90	6.70	13
50:	7.33	.159	7.90	6.69	13
75:	7.27	.138	7.87	6.72	13
100:	6.33	.725	7.82	5.31	13
125:	5.42	.378	6.10	4.69	13
150:	5.44	.251	5.88	5.10	13
175:	5.36	.246	5.89	4.93	13
200:	5.15	.251	5.71	4.75	13
225:	4.89	.276	5.53	4.46	13
250:	4.69	.253	5.28	4.38	13
300:	4.39	.204	4.85	4.05	13
400:	4.01	.141	4.23	3.75	13
500:	3.80	.094	3.95	3.67	12
600:	3.62	.081	3.76	3.47	12
700:	3.45	.059	3.56	3.35	12
800:	3.26	.038	3.32	3.19	12
900:	3.07	.030	3.12	3.03	12
1000:	2.90	.022	2.93	2.86	12
1200:	2.60	.035	2.66	2.54	12
1500:	2.23	.036	2.27	2.15	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	253.9	7.04	263.3	239.2	13
10:	253.9	6.11	262.9	239.3	13
20:	253.7	6.04	263.6	239.3	13
30:	253.6	5.96	263.7	239.4	13
50:	253.1	5.98	263.0	239.3	13
75:	251.6	5.36	262.2	239.7	13
100:	225.1	16.77	250.3	197.9	13
125:	180.7	18.85	209.3	151.9	13
150:	150.7	10.58	168.0	135.5	13
175:	136.4	4.85	144.6	126.4	13
200:	130.6	3.92	136.8	122.5	13
225:	126.2	3.60	131.4	118.3	13
250:	122.7	3.62	128.4	113.6	13
300:	116.6	2.87	120.0	109.1	13
400:	105.7	2.42	109.8	99.7	13
500:	96.7	2.07	100.9	92.4	12
600:	88.6	1.98	93.1	85.2	12
700:	82.1	2.18	86.9	78.5	12
800:	75.9	1.48	79.2	73.1	12
900:	70.9	1.20	73.1	68.2	12
1000:	66.7	.93	68.6	65.0	12
1200:	59.5	.82	61.1	58.1	12
1500:	51.2	.68	53.2	50.1	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.25	.007	.26	.24	13
20:	.51	.013	.53	.48	13
30:	.76	.019	.79	.72	13
50:	1.27	.029	1.32	1.20	13
75:	1.91	.043	1.98	1.81	13
100:	2.51	.054	2.61	2.40	13
125:	3.02	.067	3.12	2.88	13
150:	3.44	.089	3.57	3.25	13
175:	3.80	.102	3.95	3.59	13
200:	4.14	.110	4.29	3.90	13
225:	4.46	.117	4.63	4.21	13
250:	4.78	.125	4.95	4.50	13
300:	5.39	.137	5.57	5.07	13
400:	6.53	.160	6.75	6.15	13
500:	7.57	.186	7.85	7.15	12
600:	8.55	.205	8.87	8.08	12
700:	9.45	.221	9.82	8.96	12
800:	10.30	.237	10.71	9.78	12
900:	11.10	.245	11.53	10.55	12
1000:	11.86	.254	12.32	11.28	12
1200:	13.26	.258	13.73	12.67	12
1500:	15.17	.302	15.61	14.52	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.01	.000	.01	.01	13
20:	.05	.000	.05	.05	13
30:	.12	.004	.12	.11	13
50:	.33	.008	.34	.31	13
75:	.73	.015	.76	.70	13
100:	1.27	.029	1.32	1.21	13
125:	1.85	.060	1.94	1.73	13
150:	2.43	.100	2.56	2.25	13
175:	3.03	.126	3.20	2.79	13
200:	3.68	.144	3.86	3.40	13
225:	4.38	.161	4.58	4.06	13
250:	5.15	.180	5.39	4.78	13
300:	6.87	.217	7.16	6.37	13
400:	10.93	.300	11.31	10.21	13
500:	15.73	.411	16.35	14.79	12
600:	21.19	.511	22.04	20.03	12
700:	27.19	.645	28.36	25.82	12
800:	33.70	.767	35.18	32.12	12
900:	40.60	.840	42.24	38.79	12
1000:	47.93	.946	49.86	45.84	12
1200:	63.67	1.012	65.73	61.42	12
1500:	89.76	1.273	91.51	86.91	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JANUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1477	1.4	1479	1475	13
10:	1477	1.6	1480	1475	13
20:	1477	1.5	1480	1475	13
30:	1477	1.6	1480	1475	13
50:	1478	1.3	1480	1476	13
75:	1478	1.4	1481	1476	13
100:	1475	2.8	1481	1471	13
125:	1472	1.7	1475	1469	13
150:	1473	1.2	1475	1472	13
175:	1473	1.1	1476	1472	13
200:	1473	1.1	1476	1472	13
225:	1472	1.1	1475	1471	13
250:	1472	1.1	1475	1471	13
300:	1472	1.0	1474	1470	13
400:	1472	.7	1473	1471	13
500:	1473	.6	1474	1472	12
600:	1474	.5	1475	1473	12
700:	1475	.3	1476	1475	12
800:	1476	.0	1476	1476	12
900:	1477	.0	1477	1477	12
1000:	1478	.0	1478	1478	12
1200:	1480	.0	1480	1480	12
1500:	1483	.3	1484	1483	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DM

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.859	.2543	12.316	11.280	12
10:	11.604	.2527	12.053	11.030	12
20:	11.350	.2521	11.795	10.780	12
30:	11.096	.2521	11.540	10.530	12
50:	10.585	.2535	11.030	10.027	12
75:	9.948	.2561	10.398	9.395	12
100:	9.348	.2349	9.768	8.852	12
125:	8.843	.2046	9.203	8.398	12
150:	8.430	.1790	8.741	8.025	12
175:	8.069	.1649	8.366	7.695	12
200:	7.729	.1559	8.021	7.379	12
225:	7.404	.1481	7.690	7.072	12
250:	7.087	.1402	7.367	6.775	12
300:	6.473	.1269	6.741	6.208	12
400:	5.335	.1010	5.564	5.131	12
500:	4.284	.0781	4.463	4.132	12
600:	3.311	.0602	3.446	3.196	12
700:	2.404	.0400	2.491	2.322	12
800:	1.553	.0248	1.601	1.498	12
900:	.757	.0137	.787	.729	12
1000:	.000	.0000	.000	.000	12
1200:	-1.401	.0139	-1.372	-1.428	12
1500:	-3.297	.0392	-3.243	-3.386	9
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

FEBRUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.35	.739	7.21	5.09	11
10:	6.36	.701	7.15	5.21	11
20:	6.34	.686	7.14	5.22	11
30:	6.33	.681	7.13	5.21	11
50:	6.30	.675	7.11	5.19	11
75:	6.17	.625	7.08	5.16	11
100:	5.99	.526	7.07	5.21	11
125:	5.70	.180	5.93	5.32	11
150:	5.58	.300	5.93	5.08	11
175:	5.35	.349	5.81	4.77	11
200:	5.12	.322	5.56	4.63	11
225:	4.90	.275	5.32	4.49	11
250:	4.68	.233	4.92	4.35	11
300:	4.35	.152	4.63	4.13	11
400:	4.06	.117	4.31	3.89	11
500:	3.84	.084	3.94	3.68	11
600:	3.66	.076	3.78	3.51	11
700:	3.47	.070	3.60	3.38	11
800:	3.30	.069	3.45	3.21	11
900:	3.13	.049	3.21	3.06	11
1000:	2.97	.034	3.03	2.93	11
1200:	2.69	.029	2.73	2.63	11
1500:	2.38	.032	2.39	2.27	10
2000:	1.96	----- N/A -----			1
2500:	1.72	----- N/A -----			1
3000:	1.60	----- N/A -----			1
3500:	1.53	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.623	.0451	32.746	32.580	11
10:	32.613	.0291	32.691	32.580	11
20:	32.612	.0321	32.699	32.580	11
30:	32.614	.0329	32.704	32.580	11
50:	32.617	.0351	32.715	32.580	11
75:	32.712	.1582	33.040	32.590	11
100:	32.859	.2923	33.454	32.590	11
125:	33.321	.2680	33.730	32.870	11
150:	33.676	.1429	33.810	33.420	11
175:	33.794	.0690	33.850	33.653	11
200:	33.830	.0439	33.872	33.750	11
225:	33.848	.0354	33.890	33.794	11
250:	33.866	.0320	33.910	33.810	11
300:	33.895	.0316	33.940	33.840	11
400:	33.997	.0283	34.037	33.962	11
500:	34.087	.0260	34.130	34.056	11
600:	34.173	.0235	34.215	34.142	11
700:	34.238	.0193	34.278	34.209	11
800:	34.294	.0151	34.325	34.273	11
900:	34.336	.0147	34.370	34.318	11
1000:	34.376	.0136	34.409	34.360	11
1200:	34.439	.0159	34.476	34.420	11
1500:	34.506	.0156	34.540	34.490	10
2000:	34.592	----- N/A -----			1
2500:	34.638	----- N/A -----			1
3000:	34.661	----- N/A -----			1
3500:	34.676	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.654	.0959	25.840	25.539	11
10:	25.646	.0808	25.774	25.542	11
20:	25.648	.0790	25.768	25.545	11
30:	25.651	.0792	25.770	25.547	11
50:	25.657	.0780	25.772	25.549	11
75:	25.747	.1309	25.999	25.551	11
100:	25.892	.2419	26.400	25.576	11
125:	26.287	.2122	26.629	25.921	11
150:	26.586	.0887	26.701	26.436	11
175:	26.701	.0753	26.755	26.645	11
200:	26.757	.0274	26.807	26.715	11
225:	26.796	.0259	26.828	26.756	11
250:	26.835	.0270	26.873	26.790	11
300:	26.894	.0261	26.930	26.861	11
400:	27.006	.0215	27.039	26.974	11
500:	27.100	.0193	27.134	27.074	11
600:	27.186	.0200	27.229	27.158	11
700:	27.256	.0178	27.297	27.235	11
800:	27.316	.0138	27.350	27.299	11
900:	27.366	.0131	27.399	27.353	11
1000:	27.412	.0120	27.442	27.401	11
1200:	27.487	.0141	27.522	27.469	11
1500:	27.570	.0133	27.598	27.554	10
2000:	27.670	----- N/A -----			1
2500:	27.725	----- N/A -----			1
3000:	27.753	----- N/A -----			1
3500:	27.770	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	234.4	9.09	245.4	216.8	11
10:	235.4	7.70	245.3	223.1	11
20:	235.3	7.55	245.1	223.8	11
30:	235.2	7.58	245.1	223.7	11
50:	234.8	7.47	245.1	223.7	11
75:	226.5	12.47	245.3	202.6	11
100:	212.9	22.99	243.2	164.7	11
125:	175.8	20.12	210.5	141.3	11
150:	147.7	8.28	161.7	136.7	11
175:	137.0	3.37	142.2	131.8	11
200:	131.9	2.67	135.9	127.1	11
225:	128.3	2.47	132.1	125.3	11
250:	124.8	2.61	129.1	121.2	11
300:	119.4	2.50	122.6	116.1	11
400:	109.6	2.04	112.6	106.4	11
500:	101.3	1.81	103.8	98.0	11
600:	93.8	1.91	96.5	89.6	11
700:	87.7	1.70	89.8	87.7	11
800:	82.4	1.35	84.2	79.1	11
900:	78.1	1.27	79.5	74.9	11
1000:	74.1	1.17	75.3	71.2	11
1200:	67.5	1.34	69.4	64.2	11
1500:	60.3	1.25	61.9	57.7	10
2000:	51.5	----- N/A -----			1
2500:	47.0	----- N/A -----			1
3000:	45.2	----- N/A -----			1
3500:	44.5	----- N/A -----			1

FEBRUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.35	.739	7.21	5.00	11
10:	6.36	.701	7.15	5.21	11
20:	6.34	.686	7.14	5.22	11
30:	6.33	.681	7.13	5.21	11
50:	6.30	.675	7.11	5.19	11
75:	6.17	.623	7.07	5.16	11
100:	5.93	.527	7.06	5.20	11
125:	5.69	.179	5.92	5.31	11
150:	5.53	.300	5.92	5.02	11
175:	5.34	.348	5.80	4.76	11
200:	5.10	.322	5.54	4.61	11
225:	4.88	.275	5.31	4.47	11
250:	4.67	.233	5.00	4.33	11
300:	4.33	.152	4.61	4.11	11
400:	4.03	.117	4.26	3.86	11
500:	3.80	.082	3.90	3.65	11
600:	3.62	.076	3.74	3.47	11
700:	3.42	.070	3.55	3.33	11
800:	3.25	.068	3.39	3.16	11
900:	3.07	.059	3.15	3.00	11
1000:	2.91	.032	2.96	2.86	11
1200:	2.61	.029	2.65	2.55	11
1500:	2.24	.031	2.28	2.17	10
2000:	1.82	----- N/A -----			1
2500:	1.55	----- N/A -----			1
3000:	1.38	----- N/A -----			1
3500:	1.26	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	234.4	9.09	245.4	216.8	11
10:	235.2	7.67	245.1	223.0	11
20:	235.1	7.52	244.8	223.6	11
30:	234.8	7.53	244.6	223.4	11
50:	234.2	7.42	244.4	223.2	11
75:	225.5	12.44	244.2	201.6	11
100:	211.7	22.98	241.7	163.5	11
125:	174.2	20.17	209.0	141.7	11
150:	145.8	8.38	160.1	134.8	11
175:	134.8	3.36	140.2	129.7	11
200:	129.5	2.59	133.5	124.8	11
225:	125.8	2.40	129.6	122.8	11
250:	122.1	2.55	126.4	118.5	11
300:	116.5	2.47	119.7	113.1	11
400:	105.9	2.02	108.9	102.7	11
500:	96.9	1.82	99.3	93.6	11
600:	88.6	1.88	91.3	84.6	11
700:	82.0	1.66	84.0	78.1	11
800:	76.2	1.29	77.9	73.1	11
900:	71.4	1.24	72.7	68.3	11
1000:	67.0	1.13	68.1	64.2	11
1200:	59.8	1.32	61.6	56.6	11
1500:	51.9	1.26	53.4	49.2	10
2000:	42.1	----- N/A -----			1
2500:	36.7	----- N/A -----			1
3000:	33.8	----- N/A -----			1
3500:	31.9	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.24	.008	.25	.22	11
20:	.47	.015	.49	.45	11
30:	.71	.022	.74	.67	11
50:	1.18	.038	1.23	1.12	11
75:	1.76	.055	1.84	1.67	11
100:	2.31	.076	2.45	2.21	11
125:	2.80	.109	2.98	2.59	11
150:	3.20	.131	3.39	2.94	11
175:	3.55	.138	3.74	3.28	11
200:	3.89	.145	4.08	3.60	11
225:	4.21	.151	4.41	3.91	11
250:	4.53	.155	4.74	4.22	11
300:	5.14	.163	5.35	4.82	11
400:	6.28	.179	6.51	5.95	11
500:	7.33	.193	7.59	6.99	11
600:	8.31	.204	8.58	7.97	11
700:	9.21	.219	9.51	8.87	11
800:	10.06	.229	10.38	9.73	11
900:	10.86	.238	11.20	10.51	11
1000:	11.63	.245	11.97	11.24	11
1200:	13.04	.264	13.40	12.59	11
1500:	14.91	.293	15.35	14.37	10
2000:	17.65	----- N/A -----			1
2500:	20.09	----- N/A -----			1
3000:	22.39	----- N/A -----			1
3500:	24.63	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.01	.000	.01	.01	11
20:	.05	.000	.05	.05	11
30:	.11	.004	.11	.10	11
50:	.30	.010	.31	.29	11
75:	.67	.021	.70	.64	11
100:	1.16	.053	1.25	1.06	11
125:	1.72	.105	1.86	1.50	11
150:	2.28	.144	2.44	1.99	11
175:	2.86	.160	3.06	2.55	11
200:	3.51	.178	3.73	3.16	11
225:	4.21	.184	4.45	3.85	11
250:	4.97	.197	5.24	4.59	11
300:	6.69	.226	7.01	6.25	11
400:	10.77	.281	11.18	10.30	11
500:	15.59	.348	16.05	15.07	11
600:	21.05	.428	21.66	20.38	11
700:	27.04	.540	27.79	26.11	11
800:	33.54	.655	34.41	32.34	11
900:	40.49	.741	41.50	38.95	11
1000:	47.85	.833	48.99	46.05	11
1200:	63.72	1.102	65.02	61.22	11
1500:	89.75	1.766	91.72	85.68	10
2000:	139.29	----- N/A -----			1
2500:	195.22	----- N/A -----			1
3000:	259.60	----- N/A -----			1
3500:	333.93	----- N/A -----			1

FEBRUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.86	----- N/A -----			1
10:	6.88	----- N/A -----			1
20:	6.90	----- N/A -----			1
30:	6.91	----- N/A -----			1
50:	6.91	----- N/A -----			1
75:	6.91	----- N/A -----			1
100:	6.47	----- N/A -----			1
125:	5.50	----- N/A -----			1
150:	4.69	----- N/A -----			1
175:	4.19	----- N/A -----			1
200:	3.80	----- N/A -----			1
225:	3.45	----- N/A -----			1
250:	3.12	----- N/A -----			1
300:	2.55	----- N/A -----			1
400:	1.70	----- N/A -----			1
500:	1.20	----- N/A -----			1
600:	.89	----- N/A -----			1
700:	.67	----- N/A -----			1
800:	.58	----- N/A -----			1
900:	.50	----- N/A -----			1
1000:	.50	----- N/A -----			1
1200:	.50	----- N/A -----			1
1500:	.66	----- N/A -----			1
2000:	1.28	----- N/A -----			1
2500:	1.90	----- N/A -----			1
3000:	2.45	----- N/A -----			1
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1473	3.0	1477	1468	11
10:	1473	2.9	1477	1469	11
20:	1473	2.9	1477	1469	11
30:	1473	2.7	1477	1469	11
50:	1473	2.8	1477	1469	11
75:	1473	2.5	1477	1470	11
100:	1473	2.2	1478	1470	11
125:	1473	.8	1475	1472	11
150:	1474	1.3	1476	1472	11
175:	1473	1.6	1476	1471	11
200:	1473	1.3	1475	1471	11
225:	1472	1.2	1475	1471	11
250:	1472	1.1	1474	1471	11
300:	1472	.6	1473	1471	11
400:	1472	.5	1473	1472	11
500:	1472	.4	1473	1472	11
600:	1474	.4	1475	1473	11
700:	1475	.3	1476	1475	11
800:	1476	.3	1477	1476	11
900:	1477	.0	1477	1477	11
1000:	1478	.0	1478	1478	11
1200:	1480	.0	1480	1480	11
1500:	1483	.3	1484	1483	10
2000:	1491	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.625	.2443	11.972	11.241	11
10:	11.390	.2442	11.727	11.000	11
20:	11.154	.2447	11.482	10.758	11
30:	10.918	.2444	11.237	10.517	11
50:	10.448	.2453	10.773	10.036	11
75:	9.868	.2360	10.197	9.442	11
100:	9.318	.2007	9.620	8.942	11
125:	8.829	.1606	9.065	8.521	11
150:	8.429	.1403	8.617	8.160	11
175:	8.076	.1334	8.265	7.823	11
200:	7.737	.1286	7.924	7.489	11
225:	7.415	.1225	7.593	7.177	11
250:	7.098	.1185	7.272	6.866	11
300:	6.488	.1106	6.646	6.263	11
400:	5.344	.0929	5.474	5.137	11
500:	4.292	.0751	4.394	4.117	11
600:	3.318	.0587	3.392	3.176	11
700:	2.412	.0400	2.460	2.312	11
800:	1.562	.0254	1.592	1.497	11
900:	.760	.0111	.774	.733	11
1000:	.000	.0000	.000	.000	11
1200:	-1.415	.0266	-1.352	-1.445	11
1500:	-3.314	.0776	-3.130	-3.402	10
2000:	-6.112	----- N/A -----			1
2500:	-8.553	----- N/A -----			1
3000:	-10.850	----- N/A -----			1
3500:	-13.094	----- N/A -----			1

MARCH

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.47	.550	7.18	5.80	9
10:	6.45	.543	7.19	5.78	9
20:	6.45	.546	7.19	5.81	9
30:	6.45	.546	7.17	5.80	9
50:	6.33	.470	7.05	5.78	9
75:	6.22	.433	6.83	5.64	9
100:	6.02	.465	6.71	5.48	9
125:	5.81	.359	6.32	5.37	9
150:	5.75	.325	6.15	5.34	9
175:	5.63	.396	6.20	5.15	9
200:	5.32	.361	5.83	4.86	9
225:	5.04	.340	5.55	4.55	9
250:	4.79	.284	5.13	4.28	9
300:	4.41	.170	4.63	4.10	9
400:	4.08	.100	4.23	3.89	9
500:	3.93	.057	4.02	3.87	7
600:	3.72	.056	3.80	3.64	7
700:	3.51	.054	3.58	3.44	7
800:	3.30	.053	3.36	3.22	7
900:	3.12	.040	3.17	3.05	7
1000:	2.96	.029	3.00	2.91	7
1200:	2.69	.044	2.78	2.65	7
1500:	2.33	.022	2.35	2.29	6
2000:	1.95	.007	1.96	1.95	2
2500:	1.74	.007	1.75	1.74	2
3000:	1.61	.000	1.61	1.61	2
3500:	1.55	.014	1.56	1.54	2

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.657	.0811	32.795	32.590	9
10:	32.650	.0771	32.780	32.577	9
20:	32.653	.0787	32.778	32.579	9
30:	32.657	.0793	32.777	32.579	9
50:	32.665	.0817	32.789	32.580	9
75:	32.691	.0887	32.831	32.582	9
100:	32.867	.1733	33.127	32.583	9
125:	33.311	.2666	33.557	32.828	9
150:	33.666	.1494	33.780	33.319	9
175:	33.787	.1010	33.870	33.530	9
200:	33.826	.0696	33.890	33.677	9
225:	33.840	.0586	33.900	33.714	9
250:	33.858	.0584	33.954	33.747	9
300:	33.992	.0436	33.970	33.825	9
400:	33.998	.0290	34.037	33.950	9
500:	34.100	.0276	34.131	34.046	7
600:	34.181	.0252	34.211	34.134	7
700:	34.244	.0203	34.264	34.206	7
800:	34.297	.0238	34.330	34.256	7
900:	34.341	.0221	34.370	34.300	7
1000:	34.382	.0199	34.410	34.347	7
1200:	34.444	.0221	34.471	34.402	7
1500:	34.513	.0167	34.531	34.485	6
2000:	34.592	.0031	34.594	34.590	2
2500:	34.633	.0084	34.639	34.627	2
3000:	34.661	.0051	34.665	34.657	2
3500:	34.674	.0032	34.678	34.671	2

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.667	.1205	25.857	25.531	9
10:	25.664	.1058	25.817	25.528	9
20:	25.666	.1052	25.815	25.525	9
30:	25.670	.1060	25.816	25.525	9
50:	25.691	.0933	25.827	25.552	9
75:	25.726	.0916	25.872	25.608	9
100:	25.889	.1421	26.155	25.691	9
125:	26.265	.1997	26.490	25.937	9
150:	26.553	.1133	26.653	26.328	9
175:	26.663	.0719	26.735	26.516	9
200:	26.731	.0478	26.788	26.666	9
225:	26.774	.0399	26.826	26.715	9
250:	26.818	.0356	26.868	26.765	9
300:	26.885	.0314	26.933	26.821	9
400:	27.004	.0250	27.039	26.951	9
500:	27.101	.0261	27.132	27.049	7
600:	27.186	.0235	27.218	27.141	7
700:	27.257	.0193	27.280	27.220	7
800:	27.319	.0209	27.344	27.281	7
900:	27.371	.0186	27.393	27.336	7
1000:	27.418	.0169	27.438	27.387	7
1200:	27.491	.0206	27.512	27.450	7
1500:	27.578	.0143	27.592	27.553	6
2000:	27.670	.0000	27.671	27.670	2
2500:	27.719	.0074	27.724	27.714	2
3000:	27.752	.0044	27.756	27.749	2
3500:	27.767	.0023	27.769	27.765	2

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	233.2	11.48	246.1	215.1	9
10:	233.6	10.07	246.5	219.1	9
20:	233.5	10.02	247.0	219.3	9
30:	233.3	10.10	247.1	219.4	9
50:	231.6	8.88	244.8	218.6	9
75:	228.5	8.74	239.8	214.6	9
100:	213.3	13.51	232.0	187.9	9
125:	177.9	18.69	208.8	156.5	9
150:	150.9	10.74	172.0	141.3	9
175:	140.7	6.84	154.4	133.7	9
200:	134.4	4.59	140.4	128.8	9
225:	130.5	3.82	136.4	125.5	9
250:	126.5	3.35	131.6	121.9	9
300:	120.3	2.99	126.6	115.9	9
400:	109.8	2.41	114.9	106.4	9
500:	101.3	2.51	106.3	98.3	7
600:	93.9	2.25	98.2	90.8	7
700:	87.6	1.85	91.2	85.4	7
800:	82.2	2.00	85.8	79.6	7
900:	77.6	1.78	81.0	75.5	7
1000:	73.5	1.63	76.5	71.7	7
1200:	67.1	1.99	71.2	65.3	7
1500:	59.5	1.37	61.9	58.2	6
2000:	51.4	.07	51.5	51.4	2
2500:	47.7	.57	48.1	47.3	2
3000:	45.3	.49	45.7	45.0	2
3500:	44.9	.21	45.1	44.8	2

MARCH

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.47	.550	7.16	5.80	9
10:	6.45	.543	7.19	5.78	9
20:	6.45	.546	7.19	5.81	9
30:	6.45	.546	7.17	5.80	9
50:	6.33	.469	7.05	5.78	9
75:	6.21	.433	6.82	5.63	9
100:	6.01	.465	6.70	5.47	9
125:	5.80	.359	6.31	5.36	9
150:	5.74	.322	6.13	5.33	9
175:	5.61	.397	6.19	5.13	9
200:	5.30	.359	5.81	4.85	9
225:	5.02	.337	5.53	4.58	9
250:	4.77	.284	5.11	4.26	9
300:	4.39	.170	4.61	4.08	9
400:	4.05	.100	4.20	3.86	9
500:	3.90	.057	3.98	3.83	7
600:	3.68	.057	3.76	3.60	7
700:	3.46	.054	3.53	3.39	7
800:	3.25	.051	3.30	3.17	7
900:	3.06	.041	3.11	2.99	7
1000:	2.89	.029	2.93	2.84	7
1200:	2.61	.040	2.69	2.57	7
1500:	2.23	.022	2.25	2.19	6
2000:	1.81	.007	1.82	1.81	2
2500:	1.56	.007	1.57	1.56	2
3000:	1.38	.007	1.39	1.38	2
3500:	1.27	.007	1.28	1.27	2

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	239.2	11.48	246.1	215.1	9
10:	233.5	10.04	246.4	219.0	9
20:	233.3	9.98	246.7	219.1	9
30:	232.9	10.07	246.7	219.0	9
50:	230.9	8.85	244.0	217.9	9
75:	227.5	8.69	238.7	213.7	9
100:	212.0	13.50	230.8	186.7	9
125:	176.3	18.97	207.5	155.0	9
150:	149.0	10.77	170.3	139.4	9
175:	138.5	6.83	152.4	131.6	9
200:	132.0	4.54	138.2	126.6	9
225:	127.9	3.76	133.5	123.0	9
250:	123.8	3.35	128.7	119.0	9
300:	117.3	3.00	123.5	112.8	9
400:	106.0	2.38	111.1	102.7	9
500:	96.8	2.49	101.7	93.8	7
600:	88.7	2.20	92.9	85.7	7
700:	81.8	1.83	85.4	79.7	7
800:	75.9	1.97	79.5	73.5	7
900:	70.9	1.78	74.3	68.9	7
1000:	66.5	1.62	69.4	64.5	7
1200:	59.4	1.92	63.3	57.5	7
1500:	51.1	1.36	53.5	49.8	6
2000:	42.1	.14	42.2	42.0	2
2500:	37.2	.64	37.7	36.8	2
3000:	33.9	.42	34.2	33.6	2
3500:	32.2	.28	32.4	32.0	2

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.24	.011	.25	.22	9
20:	.47	.019	.49	.44	9
30:	.70	.029	.74	.66	9
50:	1.17	.047	1.23	1.10	9
75:	1.75	.072	1.84	1.64	9
100:	2.30	.078	2.41	2.18	9
125:	2.79	.087	2.89	2.64	9
150:	3.20	.105	3.33	3.07	9
175:	3.56	.122	3.74	3.36	9
200:	3.90	.130	4.10	3.70	9
225:	4.23	.141	4.45	4.02	9
250:	4.55	.147	4.77	4.33	9
300:	5.17	.155	5.41	4.94	9
400:	6.32	.174	6.56	6.07	9
500:	7.32	.177	7.59	7.12	7
600:	8.29	.193	8.61	8.10	7
700:	9.20	.210	9.56	9.00	7
800:	10.05	.225	10.45	9.82	7
900:	10.85	.235	11.27	10.60	7
1000:	11.60	.252	12.07	11.34	7
1200:	13.01	.283	13.55	12.71	7
1500:	14.87	.342	15.53	14.55	6
2000:	17.58	.120	17.67	17.50	2
2500:	20.06	.099	20.13	19.99	2
3000:	22.37	.071	22.42	22.32	2
3500:	24.62	.064	24.67	24.58	2

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.01	.000	.01	.01	9
20:	.05	.004	.05	.04	9
30:	.11	.004	.11	.10	9
50:	.30	.011	.31	.28	9
75:	.66	.027	.70	.62	9
100:	1.16	.034	1.21	1.11	9
125:	1.72	.058	1.80	1.64	9
150:	2.29	.107	2.46	2.16	9
175:	2.89	.139	3.14	2.73	9
200:	3.55	.164	3.84	3.36	9
225:	4.27	.183	4.58	4.05	9
250:	5.04	.200	5.37	4.81	9
300:	6.77	.234	7.15	6.51	9
400:	10.67	.311	11.26	10.52	9
500:	15.60	.407	16.33	15.20	7
600:	21.06	.532	22.05	20.49	7
700:	27.08	.654	28.33	26.34	7
800:	33.55	.794	35.08	32.62	7
900:	40.47	.930	42.26	39.38	7
1000:	47.78	1.104	49.92	46.50	7
1200:	63.55	1.515	66.56	61.84	7
1500:	89.52	2.320	93.79	87.23	6
2000:	138.69	.010	138.69	138.69	2
2500:	195.36	.544	195.75	194.98	2
3000:	260.26	1.485	261.31	259.21	2
3500:	334.90	1.838	336.20	333.60	2

MARCH

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.07	.028	7.09	7.05	2
10:	7.07	.000	7.07	7.07	2
20:	7.11	.064	7.16	7.07	2
30:	7.13	.092	7.20	7.07	2
50:	7.06	.007	7.07	7.06	2
75:	7.07	.014	7.08	7.06	2
100:	6.95	.064	7.00	6.91	2
125:	5.83	.587	6.25	5.42	2
150:	4.84	.240	5.01	4.67	2
175:	4.32	.361	4.58	4.07	2
200:	3.89	.127	3.98	3.80	2
225:	3.60	.127	3.69	3.51	2
250:	3.33	.139	3.43	3.24	2
300:	2.72	.035	2.75	2.70	2
400:	1.90	.057	1.94	1.86	2
500:	1.26	.139	1.36	1.17	2
600:	.93	.113	1.01	.85	2
700:	.64	.092	.71	.58	2
800:	.56	.057	.60	.52	2
900:	.54	.085	.60	.48	2
1000:	.53	.092	.60	.47	2
1200:	.58	.156	.69	.47	2
1500:	.78	.156	.89	.67	2
2000:	1.35	.120	1.44	1.27	2
2500:	1.75	.184	1.88	1.62	2
3000:	2.49	.035	2.52	2.47	2
3500:	2.85	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1473	2.3	1477	1471	9
10:	1474	2.1	1477	1471	9
20:	1474	2.2	1477	1471	9
30:	1474	2.0	1477	1472	9
50:	1474	1.8	1477	1472	9
75:	1473	1.8	1476	1471	9
100:	1474	1.8	1477	1472	9
125:	1474	1.6	1476	1472	9
150:	1474	1.4	1476	1473	9
175:	1474	1.5	1477	1473	9
200:	1474	1.5	1476	1472	9
225:	1473	1.4	1475	1471	9
250:	1472	1.3	1474	1470	9
300:	1472	.7	1473	1471	9
400:	1472	.5	1473	1472	9
500:	1473	.5	1474	1473	7
600:	1474	.5	1475	1474	7
700:	1475	.0	1475	1475	7
800:	1476	.0	1476	1476	7
900:	1477	.0	1477	1477	7
1000:	1478	.0	1478	1478	7
1200:	1480	.4	1481	1480	7
1500:	1484	.0	1484	1484	6
2000:	1491	.0	1491	1491	2
2500:	1498	.0	1498	1498	2
3000:	1506	.0	1506	1506	2
3500:	1514	.0	1514	1514	2

DELTA -DM

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.604	.2511	12.067	11.340	7
10:	11.369	.2467	11.824	11.104	7
20:	11.136	.2434	11.584	10.869	7
30:	10.900	.2409	11.345	10.634	7
50:	10.434	.2400	10.879	10.163	7
75:	9.855	.2449	10.299	9.574	7
100:	9.303	.2401	9.744	9.025	7
125:	8.830	.2224	9.250	8.581	7
150:	8.437	.2078	8.839	8.214	7
175:	8.083	.1975	8.468	7.872	7
200:	7.744	.1880	8.110	7.543	7
225:	7.417	.1794	7.765	7.226	7
250:	7.099	.1712	7.430	6.918	7
300:	6.484	.1563	6.784	6.308	7
400:	5.336	.1243	5.579	5.186	7
500:	4.284	.0975	4.474	4.166	7
600:	3.310	.0737	3.452	3.220	7
700:	2.401	.0540	2.503	2.337	7
800:	1.554	.0355	1.621	1.515	7
900:	.755	.0190	.792	.735	7
1000:	.000	.0000	.000	.000	7
1200:	-1.406	.0375	-1.367	-1.483	7
1500:	-3.298	.0914	-3.212	-3.466	6
2000:	-6.051	.0177	-6.039	-6.064	2
2500:	-8.523	.0403	-8.495	-8.552	2
3000:	-10.838	.0728	-10.787	-10.890	2
3500:	-13.091	.0827	-13.033	-13.150	2

APRIL

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	5.96	.483	7.10	5.47	9
10:	5.82	.279	6.26	5.45	9
20:	5.81	.268	6.17	5.45	9
30:	5.73	.225	6.11	5.43	9
50:	5.63	.280	6.03	5.09	9
75:	5.49	.298	5.88	4.92	9
100:	5.35	.348	5.85	4.73	9
125:	5.42	.281	5.76	4.78	9
150:	5.48	.453	6.21	4.87	9
175:	5.27	.600	6.20	4.42	9
200:	4.99	.497	5.89	4.30	9
225:	4.76	.442	5.59	4.18	9
250:	4.57	.430	5.28	4.13	9
300:	4.24	.245	4.56	3.86	9
400:	3.95	.165	4.15	3.71	8
500:	3.82	.124	3.98	3.71	6
600:	3.69	.112	3.79	3.50	6
700:	3.47	.101	3.58	3.31	5
800:	3.32	.069	3.38	3.20	5
900:	3.15	.075	3.25	3.04	5
1000:	2.99	.047	3.02	2.91	5
1200:	2.71	.048	2.75	2.64	5
1500:	2.37	.052	2.43	2.29	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.661	.0576	32.720	32.559	9
10:	32.663	.0591	32.732	32.552	9
20:	32.664	.0616	32.737	32.549	9
30:	32.669	.0630	32.740	32.550	9
50:	32.677	.0620	32.750	32.568	9
75:	32.683	.0693	32.760	32.562	9
100:	32.745	.1192	32.926	32.582	9
125:	33.104	.2619	33.434	32.731	9
150:	33.578	.1560	33.798	33.388	9
175:	33.718	.1036	33.848	33.594	9
200:	33.780	.0631	33.887	33.697	9
225:	33.812	.0477	33.882	33.743	9
250:	33.834	.0397	33.900	33.781	9
300:	33.879	.0282	33.920	33.832	9
400:	33.986	.0195	34.005	33.941	8
500:	34.085	.0100	34.097	34.071	6
600:	34.166	.0127	34.181	34.144	6
700:	34.236	.0204	34.260	34.204	5
800:	34.290	.0216	34.306	34.253	5
900:	34.338	.0185	34.354	34.308	5
1000:	34.376	.0182	34.390	34.345	5
1200:	34.437	.0181	34.450	34.406	5
1500:	34.509	.0193	34.525	34.477	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.734	.0818	25.833	25.604	9
10:	25.754	.0740	25.839	25.635	9
20:	25.757	.0756	25.846	25.634	9
30:	25.769	.0717	25.850	25.643	9
50:	25.788	.0750	25.876	25.667	9
75:	25.809	.0804	25.895	25.667	9
100:	25.874	.1210	26.066	25.687	9
125:	26.148	.1891	26.400	25.854	9
150:	26.515	.0952	26.641	26.374	9
175:	26.649	.0452	26.711	26.577	9
200:	26.731	.0328	26.776	26.676	9
225:	26.783	.0283	26.827	26.726	9
250:	26.821	.0229	26.857	26.778	9
300:	26.892	.0238	26.924	26.851	9
400:	27.008	.0167	27.034	26.989	8
500:	27.100	.0154	27.119	27.078	6
600:	27.183	.0139	27.198	27.166	6
700:	27.254	.0186	27.274	27.231	5
800:	27.312	.0188	27.334	27.283	5
900:	27.366	.0152	27.381	27.342	5
1000:	27.411	.0160	27.426	27.384	5
1200:	27.483	.0150	27.492	27.457	5
1500:	27.570	.0185	27.584	27.540	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	226.8	7.78	239.2	217.5	9
10:	225.1	7.05	236.4	217.0	9
20:	224.9	7.19	236.6	216.4	9
30:	223.8	6.82	235.8	216.2	9
50:	222.3	7.17	233.8	213.8	9
75:	220.5	7.67	234.0	212.2	9
100:	214.5	11.55	232.4	196.2	9
125:	188.8	17.88	216.7	165.0	9
150:	154.3	8.98	167.7	142.5	9
175:	141.9	4.26	148.6	136.1	9
200:	134.3	3.21	139.7	129.7	9
225:	129.5	2.86	135.4	125.0	9
250:	126.0	2.38	130.5	122.4	9
300:	119.5	2.33	123.6	116.6	9
400:	109.3	1.68	111.2	106.7	8
500:	101.3	1.56	103.5	99.4	6
600:	94.0	1.44	95.9	92.4	6
700:	87.8	1.83	90.0	85.7	5
800:	82.8	1.82	85.6	80.6	5
900:	78.1	1.44	80.3	76.5	5
1000:	74.3	1.53	76.8	72.7	5
1200:	67.9	1.46	70.5	66.9	5
1500:	60.4	1.87	63.4	58.8	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

APRIL

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	5.96	.483	7.10	5.47	9
10:	5.82	.279	6.26	5.45	9
20:	5.80	.262	6.17	5.45	9
30:	5.73	.225	6.11	5.43	9
50:	5.67	.280	6.03	5.09	9
75:	5.48	.297	5.87	4.91	9
100:	5.34	.349	5.84	4.72	9
125:	5.41	.281	5.75	4.77	9
150:	5.47	.454	6.19	4.86	9
175:	5.26	.597	6.18	4.41	9
200:	4.98	.493	5.87	4.29	9
225:	4.74	.440	5.57	4.17	9
250:	4.55	.430	5.26	4.11	9
300:	4.22	.241	4.53	3.84	9
400:	3.92	.163	4.12	3.69	8
500:	3.78	.126	3.94	3.67	6
600:	3.59	.111	3.74	3.46	6
700:	3.42	.101	3.53	3.26	5
800:	3.26	.070	3.32	3.14	5
900:	3.09	.072	3.18	2.98	5
1000:	2.92	.047	2.95	2.84	5
1200:	2.63	.047	2.67	2.56	5
1500:	2.27	.051	2.33	2.19	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	226.8	7.78	239.2	217.5	9
10:	225.0	7.05	236.3	216.9	9
20:	224.7	7.21	236.4	216.2	9
30:	223.5	6.82	235.5	215.8	9
50:	221.7	7.15	233.2	213.3	9
75:	219.6	7.63	233.1	211.5	9
100:	213.5	11.51	231.2	195.2	9
125:	187.4	17.97	215.3	163.4	9
150:	152.5	9.07	166.0	140.6	9
175:	139.8	4.29	146.7	133.9	9
200:	132.0	3.11	137.2	127.7	9
225:	127.1	2.69	132.5	122.9	9
250:	123.5	2.15	127.5	120.1	9
300:	116.7	2.21	120.5	113.7	9
400:	105.7	1.58	107.5	103.2	8
500:	96.9	1.43	98.9	95.1	6
600:	88.9	1.30	90.5	87.5	6
700:	82.1	1.77	84.4	80.2	5
800:	76.6	1.78	79.4	74.6	5
900:	71.4	1.44	73.7	70.0	5
1000:	67.2	1.52	69.7	65.7	5
1200:	60.2	1.44	62.7	59.4	5
1500:	51.9	1.74	54.7	50.5	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.23	.009	.24	.22	9
20:	.45	.017	.48	.43	9
30:	.68	.022	.71	.65	9
50:	1.12	.036	1.18	1.08	9
75:	1.68	.052	1.76	1.62	9
100:	2.22	.075	2.35	2.14	9
125:	2.73	.097	2.91	2.63	9
150:	3.16	.116	3.37	3.05	9
175:	3.52	.129	3.76	3.39	9
200:	3.87	.132	4.10	3.73	9
225:	4.20	.136	4.44	4.05	9
250:	4.52	.139	4.76	4.37	9
300:	5.13	.141	5.38	4.98	9
400:	6.28	.147	6.52	6.13	8
500:	7.26	.097	7.40	7.18	6
600:	8.24	.107	8.40	8.14	6
700:	9.17	.118	9.32	9.03	5
800:	10.02	.132	10.18	9.86	5
900:	10.83	.142	10.99	10.65	5
1000:	11.59	.153	11.75	11.39	5
1200:	13.01	.179	13.21	12.79	5
1500:	14.93	.219	15.22	14.66	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	9
10:	.01	.000	.01	.01	9
20:	.05	.004	.05	.04	9
30:	.10	.005	.11	.10	9
50:	.29	.008	.30	.28	9
75:	.64	.020	.67	.62	9
100:	1.12	.042	1.20	1.08	9
125:	1.70	.070	1.84	1.63	9
150:	2.30	.104	2.48	2.18	9
175:	2.91	.126	3.12	2.75	9
200:	3.57	.137	3.79	3.39	9
225:	4.28	.146	4.51	4.09	9
250:	5.05	.154	5.29	4.85	9
300:	6.78	.161	7.01	6.56	9
400:	10.85	.205	11.13	10.63	8
500:	15.61	.237	16.05	15.37	6
600:	21.09	.315	21.64	20.74	6
700:	27.13	.435	27.75	26.61	5
800:	33.65	.532	34.28	32.96	5
900:	40.63	.643	41.28	39.78	5
1000:	48.00	.763	48.83	47.00	5
1200:	63.85	1.125	65.35	62.66	5
1500:	90.27	1.762	93.02	88.40	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

APRIL

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1471	1.8	1476	1470	9
10:	1471	1.1	1473	1470	9
20:	1471	1.0	1473	1470	9
30:	1471	.9	1473	1470	9
50:	1471	1.1	1473	1469	9
75:	1471	1.2	1473	1469	9
100:	1471	1.2	1473	1469	9
125:	1472	1.5	1474	1469	9
150:	1473	2.1	1477	1471	9
175:	1473	2.5	1477	1470	9
200:	1472	2.0	1476	1470	9
225:	1472	2.0	1476	1470	9
250:	1471	2.0	1475	1470	9
300:	1471	1.1	1473	1470	9
400:	1472	.9	1473	1471	8
500:	1473	.5	1474	1473	6
600:	1474	.8	1475	1473	6
700:	1474	.4	1475	1474	5
800:	1476	.0	1476	1476	5
900:	1477	.4	1478	1477	5
1000:	1478	.0	1478	1478	5
1200:	1480	.0	1480	1480	5
1500:	1484	.0	1484	1484	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DM

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.591	.1524	11.750	11.392	5
10:	11.367	.1495	11.531	11.175	5
20:	11.143	.1480	11.315	10.957	5
30:	10.918	.1459	11.098	10.740	5
50:	10.475	.1460	10.666	10.308	5
75:	9.918	.1459	10.128	9.765	5
100:	9.384	.1403	9.597	9.253	5
125:	8.890	.1406	9.093	8.733	5
150:	8.474	.1445	8.654	8.282	5
175:	8.109	.1421	8.269	7.913	5
200:	7.767	.1340	7.905	7.581	5
225:	7.444	.1299	7.573	7.264	5
250:	7.124	.1213	7.240	6.957	5
300:	6.506	.1113	6.610	6.358	5
400:	5.361	.0934	5.474	5.248	5
500:	4.307	.0796	4.411	4.209	5
600:	3.327	.0638	3.417	3.251	5
700:	2.420	.0471	2.492	2.365	5
800:	1.566	.0294	1.611	1.533	5
900:	.761	.0142	.783	.746	5
1000:	.000	.0000	.000	.000	5
1200:	-1.414	.0396	-1.367	-1.475	5
1500:	-3.336	.0872	-3.270	-3.486	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

MAY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.40	.697	8.90	6.25	21
10:	7.25	.676	8.84	6.20	21
20:	7.13	.738	8.60	6.12	21
30:	6.95	.719	8.20	5.79	21
50:	6.61	.807	7.97	5.19	21
75:	6.11	.645	7.25	5.07	21
100:	5.77	.593	6.64	4.93	21
125:	5.43	.425	6.20	4.91	21
150:	5.32	.413	6.12	4.57	21
175:	5.21	.416	5.89	4.38	21
200:	4.96	.451	5.66	4.27	21
225:	4.74	.406	5.35	4.01	21
250:	4.57	.354	5.17	3.86	21
300:	4.30	.239	4.74	3.82	21
400:	3.99	.151	4.19	3.69	21
500:	3.82	.129	4.01	3.57	18
600:	3.68	.104	3.77	3.41	17
700:	3.46	.095	3.61	3.29	16
800:	3.27	.082	3.40	3.12	16
900:	3.10	.077	3.22	2.97	16
1000:	2.94	.062	3.05	2.85	16
1200:	2.66	.045	2.77	2.62	16
1500:	2.34	.047	2.45	2.27	14
2000:	1.94	----- N/A -----			1
2500:	1.70	----- N/A -----			1
3000:	1.60	----- N/A -----			1
3500:	1.56	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.638	.0740	32.790	32.490	21
10:	32.631	.0708	32.760	32.495	21
20:	32.631	.0761	32.756	32.492	21
30:	32.632	.0788	32.754	32.490	21
50:	32.642	.0771	32.759	32.505	21
75:	32.668	.0969	32.873	32.519	21
100:	32.780	.1852	33.257	32.571	21
125:	33.143	.2929	33.688	32.691	21
150:	33.592	.1474	33.845	33.283	21
175:	33.760	.0760	33.880	33.606	21
200:	33.811	.0514	33.880	33.676	21
225:	33.835	.0427	33.900	33.720	21
250:	33.858	.0371	33.903	33.760	21
300:	33.908	.0354	33.979	33.839	21
400:	34.013	.0345	34.087	33.967	21
500:	34.102	.0256	34.157	34.060	18
600:	34.178	.0331	34.246	34.129	17
700:	34.245	.0276	34.300	34.196	16
800:	34.300	.0246	34.356	34.259	16
900:	34.343	.0234	34.386	34.299	16
1000:	34.380	.0189	34.417	34.337	16
1200:	34.440	.0212	34.478	34.395	16
1500:	34.506	.0221	34.530	34.450	14
2000:	34.590	----- N/A -----			1
2500:	34.630	----- N/A -----			1
3000:	34.648	----- N/A -----			1
3500:	34.657	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.528	.1146	25.730	25.285	21
10:	25.542	.1199	25.729	25.280	21
20:	25.559	.1348	25.737	25.266	21
30:	25.584	.1305	25.787	25.318	21
50:	25.635	.1319	25.853	25.411	21
75:	25.720	.1236	25.902	25.497	21
100:	25.850	.1577	26.185	25.588	21
125:	26.178	.2166	26.566	25.794	21
150:	26.545	.1113	26.741	26.294	21
175:	26.690	.0601	26.812	26.608	21
200:	26.759	.0444	26.861	26.692	21
225:	26.803	.0412	26.898	26.739	21
250:	26.841	.0386	26.930	26.787	21
300:	26.910	.0368	26.990	26.861	21
400:	27.025	.0317	27.094	26.992	21
500:	27.113	.0285	27.174	27.085	18
600:	27.192	.0325	27.257	27.150	17
700:	27.262	.0263	27.314	27.227	16
800:	27.325	.0231	27.375	27.295	16
900:	27.375	.0213	27.416	27.336	16
1000:	27.418	.0169	27.451	27.385	16
1200:	27.491	.0180	27.522	27.456	16
1500:	27.571	.0183	27.591	27.527	14
2000:	27.670	----- N/A -----			1
2500:	27.720	----- N/A -----			1
3000:	27.743	----- N/A -----			1
3500:	27.752	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	246.5	10.90	269.6	227.2	21
10:	245.3	11.40	270.2	227.5	21
20:	243.8	12.83	271.6	226.8	21
30:	241.5	12.49	266.9	222.2	21
50:	236.9	12.62	258.3	216.0	21
75:	229.0	11.87	250.4	211.6	21
100:	216.9	15.03	242.0	185.2	21
125:	186.1	20.48	222.6	149.4	21
150:	151.5	10.55	175.3	132.7	21
175:	138.0	5.75	145.8	126.1	21
200:	131.6	4.33	138.2	121.7	21
225:	127.6	4.06	134.0	118.3	21
250:	124.2	3.81	129.5	115.4	21
300:	118.0	3.58	122.8	110.2	21
400:	107.7	3.05	110.8	101.0	21
500:	100.0	2.82	102.9	94.0	18
600:	93.2	3.13	97.2	87.0	17
700:	87.0	2.58	90.7	82.0	16
800:	81.5	2.26	84.4	76.7	16
900:	77.2	2.07	80.9	73.2	16
1000:	73.5	1.69	76.5	70.3	16
1200:	67.1	1.71	70.3	64.2	16
1500:	60.1	1.73	64.1	58.2	14
2000:	51.5	----- N/A -----			1
2500:	47.4	----- N/A -----			1
3000:	46.1	----- N/A -----			1
3500:	46.4	----- N/A -----			1

MAY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.40	.697	8.90	6.25	21
10:	7.25	.677	8.84	6.20	21
20:	7.13	.738	8.60	6.12	21
30:	6.95	.719	8.20	5.79	21
50:	6.61	.806	7.97	5.19	21
75:	6.10	.644	7.24	5.06	21
100:	5.77	.594	6.63	4.92	21
125:	5.42	.425	6.19	4.90	21
150:	5.31	.413	6.11	4.51	21
175:	5.20	.416	5.88	4.37	21
200:	4.94	.450	5.65	4.20	21
225:	4.77	.407	5.34	3.99	21
250:	4.55	.355	5.15	3.84	21
300:	4.28	.238	4.71	3.80	21
400:	3.96	.151	4.16	3.66	21
500:	3.78	.131	3.97	3.53	18
600:	3.60	.104	3.73	3.37	17
700:	3.41	.094	3.56	3.24	16
800:	3.21	.082	3.34	3.06	16
900:	3.03	.075	3.15	2.91	16
1000:	2.87	.061	2.98	2.78	16
1200:	2.58	.044	2.68	2.53	16
1500:	2.23	.046	2.35	2.17	14
2000:	1.80	----- N/A -----			1
2500:	1.53	----- N/A -----			1
3000:	1.38	----- N/A -----			1
3500:	1.29	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	246.5	10.90	269.6	227.2	21
10:	245.1	11.39	270.6	227.3	21
20:	243.5	12.80	271.3	226.5	21
30:	241.1	12.40	266.4	221.8	21
50:	236.2	12.53	257.5	215.5	21
75:	228.1	11.75	249.3	210.8	21
100:	215.7	15.01	240.7	163.9	21
125:	184.6	20.55	221.0	147.7	21
150:	149.7	10.56	173.5	131.1	21
175:	135.9	5.69	143.7	124.4	21
200:	129.3	4.20	135.7	119.7	21
225:	125.2	3.89	131.2	116.2	21
250:	121.6	3.67	126.7	113.1	21
300:	115.0	3.50	119.7	107.4	21
400:	104.0	3.00	107.1	97.5	21
500:	95.6	2.71	98.3	89.8	18
600:	88.1	3.05	92.0	82.0	17
700:	81.3	2.50	84.7	76.4	16
800:	75.4	2.19	78.2	70.6	16
900:	70.6	2.01	74.3	66.7	16
1000:	66.5	1.59	69.6	63.4	16
1200:	59.5	1.70	62.8	56.5	16
1500:	51.8	1.72	55.9	49.9	14
2000:	42.2	----- N/A -----			1
2500:	37.2	----- N/A -----			1
3000:	34.8	----- N/A -----			1
3500:	33.6	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	21
10:	.25	.011	.27	.23	21
20:	.49	.023	.54	.46	21
30:	.73	.035	.81	.68	21
50:	1.21	.057	1.33	1.12	21
75:	1.80	.086	1.96	1.66	21
100:	2.35	.118	2.59	2.17	21
125:	2.86	.145	3.12	2.64	21
150:	3.28	.173	3.57	3.01	21
175:	3.64	.189	3.97	3.34	21
200:	3.98	.198	4.32	3.65	21
225:	4.30	.207	4.66	3.95	21
250:	4.62	.213	4.98	4.24	21
300:	5.22	.224	5.60	4.80	21
400:	6.35	.239	6.74	5.85	21
500:	7.35	.267	7.80	6.83	18
600:	8.30	.293	8.78	7.74	17
700:	9.20	.328	9.72	8.58	16
800:	10.04	.347	10.58	9.37	16
900:	10.83	.366	11.39	10.12	16
1000:	11.59	.381	12.15	10.84	16
1200:	12.99	.411	13.60	12.18	16
1500:	14.87	.464	15.53	14.01	14
2000:	16.76	----- N/A -----			1
2500:	19.21	----- N/A -----			1
3000:	21.53	----- N/A -----			1
3500:	23.84	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	21
10:	.01	.000	.01	.01	21
20:	.05	.003	.06	.05	21
30:	.11	.006	.12	.10	21
50:	.31	.015	.33	.28	21
75:	.68	.034	.74	.63	21
100:	1.18	.063	1.31	1.08	21
125:	1.76	.101	1.92	1.59	21
150:	2.34	.146	2.62	2.09	21
175:	2.94	.175	3.28	2.65	21
200:	3.58	.193	3.95	3.24	21
225:	4.28	.210	4.67	3.89	21
250:	5.05	.225	5.45	4.60	21
300:	6.74	.261	7.19	6.16	21
400:	10.76	.336	11.26	9.92	21
500:	15.47	.474	16.13	14.40	18
600:	20.88	.648	21.64	19.47	17
700:	26.83	.846	27.81	25.09	16
800:	33.27	1.003	34.41	31.13	16
900:	40.14	1.183	41.44	37.61	16
1000:	47.42	1.350	48.85	44.56	16
1200:	63.13	1.727	65.24	59.55	16
1500:	89.24	2.360	92.62	84.68	14
2000:	133.70	----- N/A -----			1
2500:	190.05	----- N/A -----			1
3000:	255.11	----- N/A -----			1
3500:	331.49	----- N/A -----			1

MAY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.19	.410	7.48	6.90	2
10:	7.26	.134	7.36	7.17	2
20:	7.25	.141	7.35	7.15	2
30:	7.24	.141	7.34	7.14	2
50:	7.23	.085	7.29	7.17	2
75:	7.23	.156	7.34	7.12	2
100:	7.05	.021	7.07	7.04	2
125:	6.18	.962	6.86	5.50	2
150:	5.08	.318	5.31	4.86	2
175:	4.10	.198	4.24	3.96	2
200:	3.73	.339	3.97	3.49	2
225:	3.35	.516	3.72	2.99	2
250:	2.93	.573	3.34	2.53	2
300:	2.31	.742	2.84	1.79	2
400:	1.38	.318	1.61	1.16	2
500:	.95	.276	1.15	.76	2
600:	.73	.042	.76	.70	2
700:	.59	----- N/A -----			1
800:	.53	----- N/A -----			1
900:	.50	----- N/A -----			1
1000:	.47	----- N/A -----			1
1200:	.51	----- N/A -----			1
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1477	2.7	1483	1473	21
10:	1477	2.7	1483	1473	21
20:	1476	2.9	1482	1473	21
30:	1476	2.8	1481	1472	21
50:	1475	3.2	1480	1470	21
75:	1473	2.6	1478	1469	21
100:	1472	2.4	1477	1470	21
125:	1472	2.0	1476	1470	21
150:	1472	1.7	1476	1470	21
175:	1473	1.7	1476	1470	21
200:	1472	1.9	1475	1469	21
225:	1472	1.6	1475	1469	21
250:	1471	1.5	1474	1469	21
300:	1471	1.1	1473	1469	21
400:	1471	.7	1473	1471	21
500:	1472	.6	1474	1472	18
600:	1473	.6	1475	1473	17
700:	1475	.5	1476	1474	16
800:	1475	.3	1476	1475	16
900:	1476	.3	1477	1476	16
1000:	1478	.0	1478	1478	16
1200:	1480	.3	1481	1480	16
1500:	1483	.3	1484	1483	14
2000:	1490	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.587	.3811	12.151	10.838	16
10:	11.343	.3746	11.897	10.598	16
20:	11.101	.3671	11.642	10.361	16
30:	10.859	.3576	11.383	10.136	16
50:	10.383	.3372	10.885	9.691	16
75:	9.799	.3129	10.256	9.148	16
100:	9.256	.2865	9.662	8.652	16
125:	8.757	.2628	9.078	8.140	16
150:	8.347	.2427	8.616	7.824	16
175:	7.992	.2308	8.243	7.501	16
200:	7.657	.2199	7.893	7.193	16
225:	7.336	.2089	7.554	6.892	16
250:	7.022	.1992	7.222	6.600	16
300:	6.417	.1801	6.595	6.041	16
400:	5.288	.1497	5.452	4.986	16
500:	4.253	.1205	4.392	4.009	16
600:	3.288	.0899	3.404	3.103	16
700:	2.387	.0626	2.481	2.262	16
800:	1.544	.0410	1.613	1.466	16
900:	.752	.0200	.791	.708	16
1000:	.000	.0000	.000	.000	16
1200:	-1.402	.0381	-1.336	-1.465	16
1500:	-3.303	.0848	-3.166	-3.456	14
2000:	-5.919	----- N/A -----			1
2500:	-8.375	----- N/A -----			1
3000:	-10.695	----- N/A -----			1
3500:	-13.000	----- N/A -----			1

JUNE

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.78	.790	11.40	8.20	20
10:	9.71	.746	10.96	8.12	20
20:	9.43	.790	10.88	7.87	20
30:	8.29	.784	9.96	6.46	20
50:	7.04	.723	8.19	6.05	20
75:	6.23	.667	7.43	5.23	20
100:	5.61	.515	6.55	4.91	20
125:	5.44	.394	6.10	4.91	20
150:	5.48	.376	6.07	4.73	20
175:	5.34	.317	5.89	4.81	20
200:	5.15	.297	5.65	4.63	20
225:	4.93	.277	5.43	4.40	20
250:	4.72	.236	5.12	4.30	20
300:	4.37	.172	4.71	3.97	20
400:	4.08	.101	4.19	3.83	17
500:	3.86	.081	3.96	3.67	14
600:	3.67	.064	3.76	3.53	14
700:	3.48	.072	3.59	3.32	14
800:	3.29	.066	3.37	3.17	14
900:	3.11	.052	3.22	3.03	14
1000:	2.96	.047	3.05	2.87	14
1200:	2.68	.038	2.76	2.60	14
1500:	2.34	.028	2.38	2.27	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.617	.1291	32.870	32.460	20
10:	32.618	.1285	32.870	32.460	20
20:	32.619	.1246	32.855	32.457	20
30:	32.627	.1171	32.850	32.460	20
50:	32.656	.1131	32.870	32.480	20
75:	32.689	.1115	32.890	32.519	20
100:	32.760	.1276	33.100	32.609	20
125:	33.139	.2457	33.720	32.761	20
150:	33.581	.1622	33.870	33.301	20
175:	33.755	.0755	33.890	33.636	20
200:	33.814	.0496	33.890	33.717	20
225:	33.833	.0419	33.890	33.750	20
250:	33.852	.0363	33.892	33.764	20
300:	33.894	.0357	33.970	33.808	20
400:	34.000	.0322	34.087	33.950	17
500:	34.096	.0323	34.174	34.037	14
600:	34.179	.0333	34.256	34.130	14
700:	34.240	.0343	34.310	34.168	14
800:	34.288	.0419	34.360	34.175	14
900:	34.337	.0312	34.401	34.267	14
1000:	34.378	.0232	34.440	34.350	14
1200:	34.440	.0236	34.502	34.405	14
1500:	34.506	.0288	34.579	34.439	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.149	.1565	25.404	24.752	20
10:	25.162	.1437	25.412	24.836	20
20:	25.209	.1638	25.469	24.842	20
30:	25.391	.1505	25.677	25.048	20
50:	25.591	.1298	25.792	25.293	20
75:	25.722	.1218	25.925	25.464	20
100:	25.854	.1054	26.034	25.668	20
125:	26.173	.1629	26.552	25.884	20
150:	26.518	.1075	26.683	26.295	20
175:	26.672	.0453	26.756	26.586	20
200:	26.740	.0288	26.813	26.691	20
225:	26.787	.0262	26.853	26.730	20
250:	26.819	.0243	26.889	26.775	20
300:	26.891	.0282	26.964	26.847	20
400:	27.006	.0276	27.074	26.955	17
500:	27.104	.0298	27.169	27.048	14
600:	27.190	.0288	27.247	27.142	14
700:	27.257	.0299	27.306	27.196	14
800:	27.313	.0354	27.364	27.220	14
900:	27.368	.0262	27.414	27.311	14
1000:	27.415	.0191	27.460	27.384	14
1200:	27.489	.0193	27.538	27.462	14
1500:	27.571	.0231	27.629	27.518	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	282.5	14.90	320.3	258.3	20
10:	281.4	13.68	312.4	257.6	20
20:	277.2	15.61	312.1	252.4	20
30:	260.0	14.35	292.7	232.6	20
50:	241.1	12.39	269.6	221.9	20
75:	228.9	11.65	253.5	209.4	20
100:	216.5	10.05	234.3	199.6	20
125:	186.4	15.36	213.8	150.8	20
150:	154.1	10.14	175.2	138.7	20
175:	139.8	4.27	147.8	131.6	20
200:	133.5	2.76	138.1	126.4	20
225:	129.7	2.52	134.5	122.7	20
250:	126.3	2.36	130.4	119.4	20
300:	119.8	2.70	123.9	112.7	20
400:	109.6	2.63	114.5	103.2	17
500:	100.9	2.88	106.4	94.8	14
600:	93.4	2.74	98.1	88.1	14
700:	87.6	2.85	93.3	83.1	14
800:	82.7	3.37	91.5	78.1	14
900:	77.9	2.50	83.3	73.7	14
1000:	73.8	1.83	76.9	69.7	14
1200:	67.3	1.81	69.8	62.8	14
1500:	60.1	2.17	65.1	54.8	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JUNE

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.78	.790	11.40	8.20	20
10:	9.71	.746	10.96	8.12	20
20:	9.43	.790	10.88	7.87	20
30:	8.29	.784	9.96	6.46	20
50:	7.03	.722	8.19	6.05	20
75:	6.22	.667	7.42	5.22	20
100:	5.60	.515	6.54	4.90	20
125:	5.43	.393	6.09	4.90	20
150:	5.46	.376	6.06	4.72	20
175:	5.32	.318	5.87	4.79	20
200:	5.13	.297	5.63	4.61	20
225:	4.91	.276	5.41	4.39	20
250:	4.71	.235	5.10	4.28	20
300:	4.35	.172	4.69	3.95	20
400:	4.05	.099	4.16	3.81	17
500:	3.82	.082	3.92	3.63	14
600:	3.62	.062	3.72	3.49	14
700:	3.43	.072	3.54	3.27	14
800:	3.23	.063	3.31	3.12	14
900:	3.05	.053	3.16	2.96	14
1000:	2.89	.047	2.98	2.80	14
1200:	2.60	.037	2.67	2.52	14
1500:	2.23	.029	2.28	2.17	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	282.5	14.90	320.3	258.3	20
10:	281.2	13.67	312.2	257.4	20
20:	276.8	15.59	311.7	252.1	20
30:	259.4	14.32	292.1	232.2	20
50:	240.4	12.33	268.7	221.3	20
75:	227.9	11.58	252.4	208.6	20
100:	215.4	10.01	233.0	198.3	20
125:	185.0	15.47	212.4	149.0	20
150:	152.3	10.20	173.4	136.6	20
175:	137.6	4.29	145.8	129.7	20
200:	131.1	2.73	135.8	124.3	20
225:	127.2	2.47	132.1	120.4	20
250:	123.6	2.30	127.8	117.0	20
300:	116.8	2.68	121.0	109.9	20
400:	105.8	2.62	110.7	99.4	17
500:	96.4	2.82	101.8	90.3	14
600:	88.3	2.72	92.6	82.8	14
700:	81.9	2.82	87.6	77.2	14
800:	76.5	3.38	85.3	71.7	14
900:	71.2	2.48	76.7	66.9	14
1000:	66.8	1.81	69.7	62.5	14
1200:	59.6	1.83	62.2	55.0	14
1500:	51.8	2.19	56.8	46.3	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	20
10:	.28	.015	.32	.26	20
20:	.56	.029	.63	.52	20
30:	.83	.043	.94	.76	20
50:	1.33	.064	1.49	1.22	20
75:	1.92	.089	2.13	1.80	20
100:	2.47	.115	2.71	2.31	20
125:	2.98	.133	3.21	2.79	20
150:	3.41	.147	3.64	3.17	20
175:	3.77	.158	4.01	3.51	20
200:	4.11	.163	4.36	3.84	20
225:	4.44	.165	4.69	4.16	20
250:	4.76	.168	5.01	4.48	20
300:	5.38	.174	5.64	5.09	20
400:	6.52	.180	6.81	6.23	17
500:	7.55	.197	7.92	7.28	14
600:	8.52	.212	8.95	8.20	14
700:	9.42	.227	9.89	9.05	14
800:	10.27	.241	10.78	9.86	14
900:	11.08	.256	11.63	10.64	14
1000:	11.84	.268	12.41	11.36	14
1200:	13.24	.298	13.89	12.70	14
1500:	15.14	.337	15.89	14.54	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	20
10:	.01	.004	.02	.01	20
20:	.06	.003	.06	.05	20
30:	.13	.006	.14	.12	20
50:	.33	.017	.37	.30	20
75:	.71	.034	.78	.66	20
100:	1.20	.058	1.31	1.11	20
125:	1.77	.079	1.91	1.64	20
150:	2.37	.109	2.52	2.15	20
175:	2.98	.133	3.17	2.72	20
200:	3.63	.142	3.82	3.36	20
225:	4.34	.151	4.55	4.05	20
250:	5.11	.161	5.34	4.81	20
300:	6.85	.185	7.09	6.50	20
400:	10.91	.239	11.26	10.39	17
500:	15.66	.337	16.32	14.94	14
600:	21.11	.476	22.06	20.10	14
700:	27.09	.642	28.32	25.76	14
800:	33.60	.828	35.12	31.94	14
900:	40.56	1.047	42.43	38.66	14
1000:	47.90	1.244	50.07	45.58	14
1200:	63.64	1.623	66.60	60.54	14
1500:	89.82	2.274	94.14	84.71	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JUNE

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1486	3.0	1492	1481	20
10:	1486	2.8	1491	1480	20
20:	1485	2.9	1491	1480	20
30:	1481	3.1	1488	1474	20
50:	1476	2.9	1481	1473	20
75:	1474	2.7	1479	1470	20
100:	1472	2.2	1476	1469	20
125:	1472	2.0	1476	1470	20
150:	1473	1.6	1476	1471	20
175:	1473	1.4	1476	1471	20
200:	1473	1.3	1475	1471	20
225:	1472	1.2	1475	1471	20
250:	1472	1.1	1474	1471	20
300:	1471	.9	1473	1470	20
400:	1472	.6	1473	1471	17
500:	1473	.5	1474	1472	14
600:	1474	.0	1474	1474	14
700:	1474	.3	1475	1474	14
800:	1476	.0	1476	1476	14
900:	1477	.0	1477	1477	14
1000:	1478	.0	1478	1478	14
1200:	1480	.0	1480	1480	14
1500:	1483	.3	1484	1483	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.835	.2693	12.415	11.365	14
10:	11.551	.2627	12.122	11.081	14
20:	11.267	.2567	11.829	10.794	14
30:	10.995	.2516	11.536	10.513	14
50:	10.491	.2376	10.985	10.020	14
75:	9.898	.2213	10.348	9.449	14
100:	9.346	.2069	9.733	8.920	14
125:	8.848	.2044	9.205	8.426	14
150:	8.432	.2036	8.774	8.024	14
175:	8.071	.2013	8.407	7.686	14
200:	7.733	.1974	8.057	7.359	14
225:	7.408	.1923	7.727	7.049	14
250:	7.089	.1890	7.402	6.736	14
300:	6.471	.1866	6.774	6.097	14
400:	5.336	.1609	5.600	5.033	14
500:	4.289	.1322	4.530	4.050	14
600:	3.316	.1064	3.538	3.135	14
700:	2.413	.0801	2.599	2.287	14
800:	1.562	.0501	1.675	1.474	14
900:	.758	.0209	.792	.715	14
1000:	.000	.0000	.000	.000	14
1200:	-1.403	.0362	-1.332	-1.474	14
1500:	-3.306	.0859	-3.093	-3.476	14
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.85	1.326	14.15	10.92	5
10:	11.70	1.375	14.05	10.63	5
20:	11.17	.923	12.55	10.14	5
30:	9.17	.940	10.58	8.18	5
50:	7.35	1.056	9.16	6.58	5
75:	6.12	.412	6.68	5.73	5
100:	5.64	.336	6.10	5.31	5
125:	5.17	.722	6.25	4.43	5
150:	5.15	.765	6.28	4.42	5
175:	5.08	.696	6.10	4.27	5
200:	4.93	.718	5.96	4.04	5
225:	4.76	.624	5.61	3.92	5
250:	4.61	.556	5.33	3.81	5
300:	4.32	.413	4.82	3.70	5
400:	3.99	.253	4.27	3.65	5
500:	3.90	.182	4.06	3.70	3
600:	3.69	.145	3.81	3.56	3
700:	3.50	.067	3.56	3.43	3
800:	3.36	.042	3.41	3.33	3
900:	3.19	.030	3.22	3.16	3
1000:	3.03	.049	3.06	2.97	3
1200:	2.72	.059	2.76	2.65	3
1500:	2.38	.057	2.43	2.32	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.591	.1246	32.800	32.500	5
10:	32.586	.1174	32.790	32.500	5
20:	32.584	.1252	32.800	32.492	5
30:	32.621	.1307	32.840	32.520	5
50:	32.665	.1284	32.870	32.564	5
75:	32.698	.1182	32.890	32.600	5
100:	32.824	.1956	33.100	32.620	5
125:	33.148	.3935	33.740	32.777	5
150:	33.501	.2765	33.870	33.094	5
175:	33.667	.1637	33.897	33.441	5
200:	33.762	.0938	33.910	33.667	5
225:	33.807	.0709	33.920	33.748	5
250:	33.844	.0532	33.928	33.786	5
300:	33.877	.0341	33.920	33.840	5
400:	33.980	.0140	33.992	33.957	5
500:	34.077	.0093	34.084	34.066	3
600:	34.168	.0145	34.183	34.154	3
700:	34.231	.0148	34.247	34.218	3
800:	34.284	.0227	34.310	34.267	3
900:	34.332	.0155	34.349	34.320	3
1000:	34.371	.0140	34.386	34.358	3
1200:	34.434	.0098	34.445	34.426	3
1500:	34.498	.0072	34.503	34.490	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.763	.1757	24.941	24.480	5
10:	24.788	.1804	24.949	24.493	5
20:	24.885	.1057	25.010	24.799	5
30:	25.250	.2086	25.533	24.982	5
50:	25.553	.1873	25.718	25.249	5
75:	25.744	.0846	25.857	25.637	5
100:	25.902	.1792	26.064	25.775	5
125:	26.210	.2395	26.549	26.000	5
150:	26.492	.1540	26.647	26.253	5
175:	26.632	.0864	26.715	26.493	5
200:	26.722	.0398	26.788	26.680	5
225:	26.778	.0300	26.829	26.750	5
250:	26.825	.0257	26.864	26.804	5
300:	26.883	.0206	26.917	26.863	5
400:	26.998	.0205	27.033	26.979	5
500:	27.085	.0133	27.097	27.071	3
600:	27.179	.0127	27.190	27.165	3
700:	27.247	.0096	27.258	27.240	3
800:	27.302	.0202	27.324	27.284	3
900:	27.357	.0152	27.374	27.345	3
1000:	27.403	.0153	27.420	27.390	3
1200:	27.481	.0132	27.496	27.471	3
1500:	27.561	.0094	27.570	27.551	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	319.2	16.74	346.2	302.3	5
10:	317.1	17.20	345.2	301.7	5
20:	308.0	10.04	316.2	296.1	5
30:	273.4	19.89	299.0	246.5	5
50:	244.7	17.92	273.9	229.1	5
75:	226.8	8.02	237.0	216.1	5
100:	212.0	12.23	224.0	196.7	5
125:	182.9	22.51	202.5	151.1	5
150:	156.4	14.45	178.8	142.1	5
175:	143.4	8.12	156.4	135.2	5
200:	135.1	3.95	139.0	128.4	5
225:	130.0	3.07	132.6	124.7	5
250:	125.7	2.73	127.8	121.5	5
300:	120.5	2.20	122.8	116.9	5
400:	110.2	2.16	112.3	106.6	5
500:	102.8	1.46	104.3	101.4	3
600:	94.5	1.31	96.0	93.5	3
700:	88.6	.87	89.5	87.6	3
800:	83.8	1.91	85.6	81.8	3
900:	79.1	1.44	80.3	77.5	3
1000:	75.1	1.53	76.4	73.4	3
1200:	68.2	1.40	69.2	66.6	3
1500:	61.3	1.05	62.3	60.2	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.85	1.326	14.15	10.92	5
10:	11.70	1.375	14.05	10.63	5
20:	11.17	.923	12.55	10.14	5
30:	9.17	.940	10.58	8.18	5
50:	7.35	1.056	9.16	6.58	5
75:	6.11	.416	6.68	5.72	5
100:	5.63	.337	6.09	5.30	5
125:	5.16	.722	6.24	4.42	5
150:	5.14	.765	6.27	4.41	5
175:	5.06	.694	6.08	4.26	5
200:	4.91	.714	5.94	4.03	5
225:	4.74	.623	5.59	3.90	5
250:	4.59	.556	5.31	3.79	5
300:	4.30	.413	4.80	3.68	5
400:	3.97	.256	4.25	3.62	5
500:	3.86	.183	4.02	3.66	3
600:	3.65	.125	3.77	3.52	3
700:	3.46	.068	3.51	3.38	3
800:	3.31	.046	3.36	3.27	3
900:	3.13	.030	3.16	3.10	3
1000:	2.96	.044	2.99	2.91	3
1200:	2.64	.059	2.68	2.57	3
1500:	2.28	.053	2.32	2.22	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	319.2	16.74	346.2	302.3	5
10:	316.9	17.16	344.9	301.5	5
20:	307.5	10.00	315.7	295.7	5
30:	272.8	19.85	298.3	245.9	5
50:	244.0	17.81	272.9	228.3	5
75:	225.9	8.03	236.0	215.1	5
100:	210.8	12.28	222.8	195.4	5
125:	181.5	22.76	201.5	149.3	5
150:	154.7	14.63	177.4	140.0	5
175:	141.4	8.21	154.6	133.5	5
200:	132.8	5.79	136.9	126.6	5
225:	127.5	2.80	130.2	122.8	5
250:	123.1	2.41	125.0	119.4	5
300:	117.6	1.91	119.4	114.4	5
400:	106.6	1.93	108.4	103.3	5
500:	98.2	1.17	99.5	97.2	3
600:	89.3	1.17	90.6	88.3	3
700:	82.8	.91	83.5	81.8	3
800:	77.5	1.92	79.2	75.4	3
900:	72.3	1.40	73.4	70.7	3
1000:	67.8	1.42	69.1	66.3	3
1200:	60.4	1.27	61.4	59.0	3
1500:	52.8	.90	53.7	51.9	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	5
10:	.32	.019	.35	.30	5
20:	.63	.025	.67	.61	5
30:	.93	.029	.96	.89	5
50:	1.45	.044	1.52	1.40	5
75:	2.04	.075	2.16	1.96	5
100:	2.57	.096	2.73	2.49	5
125:	3.07	.122	3.25	2.93	5
150:	3.50	.147	3.69	3.30	5
175:	3.87	.160	4.07	3.66	5
200:	4.22	.167	4.42	4.00	5
225:	4.54	.166	4.74	4.33	5
250:	4.86	.174	5.07	4.65	5
300:	5.48	.174	5.69	5.28	5
400:	6.63	.183	6.86	6.44	5
500:	7.73	.205	7.93	7.52	3
600:	8.71	.190	8.90	8.52	3
700:	9.63	.180	9.81	9.45	3
800:	10.49	.165	10.65	10.32	3
900:	11.30	.150	11.45	11.15	3
1000:	12.07	.136	12.20	11.93	3
1200:	13.50	.127	13.60	13.36	3
1500:	15.43	.101	15.49	15.31	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	5
10:	.02	.000	.02	.02	5
20:	.06	.005	.07	.06	5
30:	.14	.004	.15	.14	5
50:	.35	.019	.38	.33	5
75:	.73	.035	.78	.69	5
100:	1.21	.056	1.29	1.14	5
125:	1.77	.101	1.89	1.63	5
150:	2.37	.149	2.50	2.15	5
175:	2.99	.186	3.14	2.73	5
200:	3.66	.199	3.84	3.40	5
225:	4.36	.211	4.57	4.10	5
250:	5.14	.218	5.35	4.89	5
300:	6.86	.233	7.09	6.58	5
400:	10.95	.269	11.20	10.57	5
500:	15.89	.189	16.10	15.73	3
600:	21.42	.124	21.56	21.34	3
700:	27.46	.083	27.53	27.37	3
800:	34.04	.104	34.16	33.98	3
900:	41.11	.227	41.35	40.90	3
1000:	48.54	.332	48.85	48.19	3
1200:	64.58	.612	64.93	63.87	3
1500:	91.01	.983	91.67	89.88	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	-----	N/A	-----		0
10:	-----	N/A	-----		0
20:	-----	N/A	-----		0
30:	-----	N/A	-----		0
50:	-----	N/A	-----		0
75:	-----	N/A	-----		0
100:	-----	N/A	-----		0
125:	-----	N/A	-----		0
150:	-----	N/A	-----		0
175:	-----	N/A	-----		0
200:	-----	N/A	-----		0
225:	-----	N/A	-----		0
250:	-----	N/A	-----		0
300:	-----	N/A	-----		0
400:	-----	N/A	-----		0
500:	-----	N/A	-----		0
600:	-----	N/A	-----		0
700:	-----	N/A	-----		0
800:	-----	N/A	-----		0
900:	-----	N/A	-----		0
1000:	-----	N/A	-----		0
1200:	-----	N/A	-----		0
1500:	-----	N/A	-----		0
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0
3500:	-----	N/A	-----		0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1494	4.6	1502	1491	5
10:	1493	4.9	1502	1490	5
20:	1492	3.4	1497	1488	5
30:	1484	3.6	1490	1481	5
50:	1477	4.2	1485	1475	5
75:	1474	1.8	1476	1472	5
100:	1472	1.7	1475	1471	5
125:	1471	3.2	1476	1468	5
150:	1472	3.3	1477	1469	5
175:	1472	3.0	1477	1469	5
200:	1472	3.1	1477	1469	5
225:	1471	2.9	1476	1468	5
250:	1471	2.6	1475	1468	5
300:	1471	1.8	1474	1469	5
400:	1472	1.0	1473	1471	5
500:	1473	1.2	1474	1472	3
600:	1474	.6	1475	1474	3
700:	1475	.0	1475	1475	3
800:	1476	.0	1476	1476	3
900:	1477	.0	1477	1477	3
1000:	1478	.0	1478	1478	3
1200:	1480	.6	1481	1480	3
1500:	1484	.0	1484	1484	3
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0
3500:	-----	N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.073	.1382	12.203	11.928	3
10:	11.748	.1547	11.885	11.580	3
20:	11.434	.1617	11.570	11.255	3
30:	11.133	.1496	11.252	10.965	3
50:	10.610	.1057	10.684	10.489	3
75:	10.013	.0730	10.063	9.929	3
100:	9.469	.0381	9.505	9.429	3
125:	8.972	.0220	8.993	8.949	3
150:	8.551	.0630	8.624	8.512	3
175:	8.184	.0775	8.273	8.135	3
200:	7.834	.0796	7.926	7.783	3
225:	7.511	.0788	7.602	7.459	3
250:	7.184	.0774	7.275	7.130	3
300:	6.565	.0730	6.648	6.511	3
400:	5.412	.0701	5.484	5.344	3
500:	4.344	.0677	4.408	4.273	3
600:	3.358	.0540	3.405	3.299	3
700:	2.445	.0433	2.478	2.396	3
800:	1.584	.0282	1.605	1.552	3
900:	.768	.0151	.777	.753	3
1000:	.000	.0000	.000	.000	3
1200:	-1.431	.0297	-1.399	-1.458	3
1500:	-3.355	.0555	-3.291	-3.389	3
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0
3500:	-----	N/A	-----		0

AUGUST

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.19	1.037	14.95	11.61	16
10:	13.15	1.014	14.67	11.56	16
20:	12.44	.867	13.58	10.84	16
30:	10.66	1.109	12.29	7.51	16
50:	7.73	.977	9.38	5.80	16
75:	6.50	.656	7.48	5.27	16
100:	5.78	.496	6.84	5.01	16
125:	5.45	.375	6.17	4.81	16
150:	5.42	.376	6.02	4.73	16
175:	5.32	.492	6.14	4.42	16
200:	5.08	.483	6.06	4.18	16
225:	4.83	.437	5.74	4.11	16
250:	4.63	.345	5.43	4.02	16
300:	4.35	.287	4.86	3.80	16
400:	4.02	.203	4.52	3.67	15
500:	3.85	.108	4.01	3.68	11
600:	3.66	.085	3.76	3.50	11
700:	3.50	.080	3.57	3.33	10
800:	3.32	.069	3.40	3.18	10
900:	3.14	.055	3.21	3.03	10
1000:	2.97	.045	3.05	2.90	10
1200:	2.70	.060	2.84	2.62	10
1500:	2.34	.036	2.39	2.28	9
2000:	1.96	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.517	.0921	32.670	32.380	16
10:	32.512	.0845	32.670	32.385	16
20:	32.521	.0818	32.670	32.400	16
30:	32.551	.0796	32.670	32.400	16
50:	32.599	.0839	32.708	32.443	16
75:	32.650	.0765	32.770	32.484	16
100:	32.757	.0679	32.887	32.656	16
125:	33.102	.1801	33.410	32.835	16
150:	33.533	.1215	33.750	33.271	16
175:	33.747	.0677	33.840	33.599	16
200:	33.802	.0522	33.883	33.711	16
225:	33.824	.0392	33.897	33.772	16
250:	33.846	.0308	33.908	33.798	16
300:	33.895	.0314	33.947	33.856	16
400:	33.992	.0228	34.030	33.953	15
500:	34.081	.0167	34.114	34.056	11
600:	34.164	.0159	34.190	34.135	11
700:	34.237	.0149	34.267	34.217	10
800:	34.287	.0129	34.310	34.272	10
900:	34.334	.0145	34.356	34.318	10
1000:	34.374	.0114	34.395	34.358	10
1200:	34.434	.0214	34.462	34.385	10
1500:	34.506	.0113	34.520	34.484	9
2000:	34.600	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.452	.2132	24.807	24.075	16
10:	24.456	.2013	24.808	24.148	16
20:	24.607	.1434	24.907	24.400	16
30:	24.947	.2023	25.496	24.634	16
50:	25.448	.1596	25.746	25.198	16
75:	25.657	.1263	25.852	25.398	16
100:	25.832	.0938	25.977	25.620	16
125:	26.143	.1360	26.406	25.971	16
150:	26.487	.0853	26.654	26.329	16
175:	26.667	.0465	26.751	26.579	16
200:	26.738	.0346	26.821	26.685	16
225:	26.784	.0339	26.866	26.737	16
250:	26.824	.0305	26.889	26.783	16
300:	26.893	.0317	26.958	26.848	16
400:	27.005	.0252	27.044	26.968	15
500:	27.094	.0193	27.128	27.072	11
600:	27.179	.0181	27.215	27.158	11
700:	27.252	.0175	27.284	27.231	10
800:	27.310	.0147	27.334	27.292	10
900:	27.364	.0149	27.386	27.344	10
1000:	27.410	.0119	27.434	27.391	10
1200:	27.483	.0217	27.510	27.432	10
1500:	27.570	.0098	27.582	27.552	9
2000:	27.676	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	348.8	20.32	384.8	315.1	16
10:	348.7	19.18	378.1	315.2	16
20:	335.0	13.67	354.3	305.9	16
30:	302.3	19.30	332.2	249.9	16
50:	250.8	15.26	278.7	226.2	16
75:	235.1	11.54	259.9	216.3	16
100:	218.6	8.99	239.0	204.8	16
125:	189.3	12.88	205.5	164.3	16
150:	157.0	8.06	171.8	141.2	16
175:	140.3	4.51	148.5	132.1	16
200:	133.6	3.42	139.2	125.7	16
225:	129.4	3.38	134.3	121.5	16
250:	125.8	3.07	130.2	119.4	16
300:	119.5	3.13	123.9	113.3	16
400:	109.6	2.53	113.6	105.6	15
500:	101.9	1.92	104.2	98.5	11
600:	94.4	1.79	96.5	90.8	11
700:	88.1	1.75	90.2	85.0	10
800:	83.1	1.48	84.9	80.6	10
900:	78.3	1.50	80.3	76.0	10
1000:	74.3	1.19	76.3	71.9	10
1200:	68.0	2.16	73.0	65.2	10
1500:	60.7	.98	61.9	58.8	9
2000:	51.0	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

AUGUST

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.19	1.037	14.95	11.61	16
10:	13.15	1.013	14.67	11.56	16
20:	12.48	.867	13.58	10.84	16
30:	10.66	1.108	12.29	7.51	16
50:	7.72	.976	9.37	5.80	16
75:	6.49	.656	7.47	5.27	16
100:	5.77	.495	6.83	5.00	16
125:	5.48	.375	6.16	4.80	16
150:	5.41	.376	6.01	4.72	16
175:	5.31	.490	6.13	4.41	16
200:	5.07	.482	6.05	4.17	16
225:	4.81	.437	5.72	4.09	16
250:	4.62	.344	5.41	4.01	16
300:	4.33	.288	4.84	3.78	16
400:	4.00	.202	4.49	3.64	15
500:	3.81	.106	3.97	3.65	11
600:	3.61	.085	3.72	3.46	11
700:	3.45	.079	3.52	3.28	10
800:	3.26	.070	3.34	3.12	10
900:	3.08	.053	3.14	2.97	10
1000:	2.91	.046	2.98	2.83	10
1200:	2.62	.059	2.75	2.53	10
1500:	2.24	.037	2.29	2.17	9
2000:	1.82	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	348.8	20.32	384.8	315.1	16
10:	348.4	19.18	377.8	314.9	16
20:	334.5	13.63	353.8	305.5	16
30:	301.7	19.25	331.4	249.4	16
50:	254.0	15.18	277.7	225.6	16
75:	234.1	11.43	256.7	215.5	16
100:	217.5	8.40	237.6	203.7	16
125:	167.9	12.91	204.3	162.9	16
150:	155.2	8.09	170.2	139.4	16
175:	138.1	4.47	146.5	130.1	16
200:	131.3	3.27	136.4	123.5	16
225:	124.9	3.21	131.4	119.2	16
250:	123.2	2.89	127.0	117.0	16
300:	116.6	2.98	120.8	110.5	16
400:	105.9	2.39	109.4	102.2	15
500:	97.5	1.84	99.5	94.2	11
600:	89.3	1.72	91.3	85.9	11
700:	82.3	1.67	84.4	79.3	10
800:	76.8	1.37	78.5	74.5	10
900:	71.7	1.41	73.5	69.5	10
1000:	67.2	1.12	69.0	65.0	10
1200:	60.3	2.03	65.0	57.7	10
1500:	51.8	.91	53.5	50.7	9
2000:	41.6	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	16
10:	.35	.020	.39	.32	16
20:	.69	.033	.74	.63	16
30:	1.01	.035	1.07	.94	16
50:	1.57	.045	1.65	1.48	16
75:	2.18	.066	2.30	2.04	16
100:	2.74	.084	2.91	2.58	16
125:	3.26	.093	3.46	3.11	16
150:	3.69	.099	3.90	3.57	16
175:	4.06	.104	4.28	3.92	16
200:	4.40	.109	4.63	4.25	16
225:	4.73	.118	4.98	4.55	16
250:	5.05	.123	5.31	4.86	16
300:	5.66	.135	5.94	5.43	16
400:	6.82	.145	7.13	6.60	15
500:	7.91	.161	8.21	7.63	11
600:	8.89	.178	9.22	8.57	11
700:	9.78	.186	10.15	9.45	10
800:	10.64	.198	11.02	10.28	10
900:	11.44	.210	11.85	11.06	10
1000:	12.21	.221	12.63	11.81	10
1200:	13.62	.237	14.08	13.21	10
1500:	15.52	.270	16.00	15.06	9
2000:	18.39	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	16
10:	.02	.000	.02	.02	16
20:	.07	.002	.07	.06	16
30:	.15	.006	.16	.14	16
50:	.38	.016	.40	.33	16
75:	.77	.034	.82	.69	16
100:	1.27	.051	1.36	1.18	16
125:	1.86	.065	1.98	1.76	16
150:	2.46	.066	2.61	2.33	16
175:	3.07	.099	3.23	2.91	16
200:	3.72	.112	3.91	3.54	16
225:	4.41	.128	4.65	4.22	16
250:	5.20	.143	5.45	4.95	16
300:	6.92	.182	7.23	6.56	16
400:	11.02	.250	11.45	10.59	15
500:	15.95	.318	16.44	15.29	11
600:	21.45	.417	22.05	20.58	11
700:	27.45	.531	28.24	26.44	10
800:	33.98	.659	34.91	32.76	10
900:	40.95	.782	42.06	39.51	10
1000:	48.33	.903	49.64	46.74	10
1200:	64.23	1.112	65.88	62.41	10
1500:	90.40	1.697	92.54	87.72	9
2000:	140.06	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

AUGUST

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.38	----- N/A -----			1
10:	6.33	----- N/A -----			1
20:	6.44	----- N/A -----			1
30:	6.92	----- N/A -----			1
50:	7.23	----- N/A -----			1
75:	7.12	----- N/A -----			1
100:	6.84	----- N/A -----			1
125:	6.09	----- N/A -----			1
150:	5.10	----- N/A -----			1
175:	4.37	----- N/A -----			1
200:	3.99	----- N/A -----			1
225:	3.67	----- N/A -----			1
250:	3.25	----- N/A -----			1
300:	2.51	----- N/A -----			1
400:	1.53	----- N/A -----			1
500:	1.05	----- N/A -----			1
600:	.73	----- N/A -----			1
700:	.63	----- N/A -----			1
800:	.57	----- N/A -----			1
900:	.51	----- N/A -----			1
1000:	.52	----- N/A -----			1
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1498	3.6	1504	1493	16
10:	1498	3.4	1503	1493	16
20:	1496	3.0	1500	1491	16
30:	1490	4.1	1496	1478	16
50:	1479	3.8	1486	1472	16
75:	1475	2.5	1479	1470	16
100:	1472	2.0	1477	1470	16
125:	1472	1.6	1475	1469	16
150:	1473	1.8	1476	1470	16
175:	1473	2.0	1477	1470	16
200:	1472	2.0	1477	1469	16
225:	1472	1.8	1476	1469	16
250:	1471	1.5	1475	1469	16
300:	1471	1.2	1474	1469	16
400:	1472	.8	1474	1471	15
500:	1473	.5	1474	1472	11
600:	1474	.4	1475	1473	11
700:	1474	.3	1475	1474	10
800:	1476	.0	1476	1476	10
900:	1477	.0	1477	1477	10
1000:	1478	.0	1478	1478	10
1200:	1480	.3	1481	1480	10
1500:	1483	.3	1484	1483	9
2000:	1491	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.205	.2216	12.631	11.807	10
10:	11.863	.2138	12.254	11.460	10
20:	11.521	.2101	11.891	11.111	10
30:	11.201	.2066	11.558	10.805	10
50:	10.636	.2078	10.981	10.242	10
75:	10.016	.2048	10.329	9.618	10
100:	9.445	.1963	9.716	9.058	10
125:	8.934	.1777	9.173	8.598	10
150:	8.506	.1594	8.729	8.216	10
175:	8.138	.1481	8.349	7.870	10
200:	7.796	.1426	7.996	7.539	10
225:	7.465	.1373	7.655	7.221	10
250:	7.143	.1342	7.324	6.904	10
300:	6.527	.1260	6.690	6.302	10
400:	5.374	.1020	5.505	5.199	10
500:	4.313	.0811	4.416	4.176	10
600:	3.333	.0626	3.415	3.226	10
700:	2.422	.0453	2.481	2.349	10
800:	1.566	.0278	1.607	1.527	10
900:	.762	.0132	.782	.739	10
1000:	.000	.0000	.000	.000	10
1200:	-1.418	.0215	-1.375	-1.448	10
1500:	-3.326	.0673	-3.211	-3.443	9
2000:	-6.097	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SEPTEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.89	.605	14.80	12.78	13
10:	13.84	.605	14.65	12.76	13
20:	13.69	.598	14.65	12.77	13
30:	12.35	1.910	14.36	8.72	13
50:	8.25	.870	9.57	6.59	13
75:	6.85	.584	7.89	5.74	13
100:	6.11	.517	6.74	5.07	13
125:	5.70	.563	6.60	4.38	13
150:	5.65	.411	6.43	5.10	13
175:	5.56	.427	6.29	4.78	13
200:	5.34	.441	6.01	4.46	13
225:	5.06	.427	5.73	4.19	13
250:	4.82	.425	5.50	3.95	13
300:	4.48	.271	4.81	3.92	13
400:	4.06	.148	4.29	3.81	13
500:	3.87	.099	4.01	3.72	11
600:	3.65	.080	3.76	3.53	11
700:	3.48	.053	3.57	3.39	11
800:	3.30	.045	3.38	3.24	11
900:	3.14	.045	3.23	3.08	11
1000:	2.98	.029	3.02	2.93	11
1200:	2.69	.034	2.76	2.66	11
1500:	2.36	.048	2.47	2.30	9
2000:	1.95	.007	1.96	1.95	2
2500:	1.75	----- N/A -----			1
3000:	1.63	----- N/A -----			1
3500:	1.56	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.464	.1038	32.640	32.250	13
10:	32.469	.0874	32.640	32.316	13
20:	32.478	.0880	32.640	32.310	13
30:	32.532	.1447	32.899	32.300	13
50:	32.655	.1297	32.960	32.480	13
75:	32.688	.1261	32.960	32.542	13
100:	32.824	.1830	33.130	32.590	13
125:	33.235	.3204	33.740	32.751	13
150:	33.597	.1923	33.910	33.324	13
175:	33.760	.0977	33.940	33.569	13
200:	33.810	.0719	33.940	33.679	13
225:	33.828	.0631	33.940	33.720	13
250:	33.843	.0569	33.940	33.757	13
300:	33.881	.0419	33.935	33.820	13
400:	33.981	.0227	34.014	33.951	13
500:	34.077	.0182	34.106	34.056	11
600:	34.156	.0157	34.186	34.128	11
700:	34.219	.0218	34.255	34.170	11
800:	34.273	.0223	34.307	34.222	11
900:	34.318	.0212	34.350	34.269	11
1000:	34.359	.0209	34.396	34.320	11
1200:	34.420	.0212	34.448	34.379	11
1500:	34.491	.0216	34.520	34.455	9
2000:	34.586	.0086	34.592	34.580	2
2500:	34.623	----- N/A -----			1
3000:	34.652	----- N/A -----			1
3500:	34.665	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.275	.1254	24.470	24.067	13
10:	24.288	.1203	24.474	24.126	13
20:	24.325	.1209	24.512	24.126	13
30:	24.614	.4060	25.400	24.197	13
50:	25.417	.1675	25.662	25.223	13
75:	25.642	.1101	25.778	25.442	13
100:	25.844	.1312	26.057	25.598	13
125:	26.217	.2036	26.524	25.953	13
150:	26.510	.1086	26.659	26.358	13
175:	26.649	.0366	26.701	26.590	13
200:	26.719	.0219	26.745	26.672	13
225:	26.762	.0218	26.808	26.723	13
250:	26.801	.0227	26.851	26.767	13
300:	26.873	.0227	26.925	26.833	13
400:	26.992	.0188	27.028	26.958	13
500:	27.089	.0161	27.118	27.062	11
600:	27.172	.0151	27.204	27.152	11
700:	27.241	.0170	27.266	27.200	11
800:	27.299	.0158	27.324	27.260	11
900:	27.351	.0140	27.367	27.314	11
1000:	27.398	.0151	27.425	27.367	11
1200:	27.472	.0158	27.494	27.442	11
1500:	27.557	.0179	27.579	27.530	9
2000:	27.666	.0068	27.671	27.661	2
2500:	27.711	----- N/A -----			1
3000:	27.743	----- N/A -----			1
3500:	27.759	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	365.8	11.96	385.6	347.1	13
10:	364.8	11.46	380.2	347.0	13
20:	361.5	11.51	380.4	343.7	13
30:	334.1	38.78	374.0	259.2	13
50:	257.8	16.00	276.4	234.3	13
75:	236.6	10.49	255.7	223.8	13
100:	217.5	12.44	241.0	197.3	13
125:	182.4	19.20	207.5	153.5	13
150:	154.9	10.17	169.1	141.1	13
175:	142.0	3.38	147.6	137.4	13
200:	136.0	2.08	140.0	132.8	13
225:	131.6	2.12	135.3	127.0	13
250:	128.0	2.26	131.3	123.1	13
300:	121.5	2.18	125.3	116.5	13
400:	110.8	1.82	114.2	107.4	13
500:	102.4	1.56	105.0	99.6	11
600:	95.0	1.49	96.9	91.9	11
700:	89.1	1.59	92.9	86.6	11
800:	84.0	1.45	87.7	81.8	11
900:	79.5	1.25	82.9	78.2	11
1000:	75.5	1.36	78.3	73.0	11
1200:	68.9	1.44	71.6	66.9	11
1500:	61.6	1.72	64.0	59.5	9
2000:	51.9	.71	52.4	51.4	2
2500:	48.5	----- N/A -----			1
3000:	46.3	----- N/A -----			1
3500:	45.8	----- N/A -----			1

SLPIEMPLR

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.89	.605	14.80	12.78	13
10:	13.84	.605	14.65	12.76	13
20:	13.69	.599	14.65	12.72	13
30:	12.35	1.909	14.35	8.72	13
50:	8.25	.868	9.56	6.58	13
75:	6.84	.584	7.89	5.73	13
100:	6.10	.517	6.73	5.06	13
125:	5.69	.563	6.59	4.37	13
150:	5.64	.411	6.42	5.09	13
175:	5.54	.426	6.27	4.77	13
200:	5.33	.437	5.99	4.45	13
225:	5.04	.427	5.72	4.18	13
250:	4.80	.425	5.48	3.93	13
300:	4.47	.270	4.79	3.90	13
400:	4.03	.147	4.26	3.78	13
500:	3.83	.097	3.97	3.68	11
600:	3.61	.080	3.72	3.49	11
700:	3.43	.059	3.52	3.34	11
800:	3.25	.043	3.32	3.18	11
900:	3.08	.045	3.17	3.02	11
1000:	2.91	.028	2.95	2.86	11
1200:	2.61	.035	2.68	2.58	11
1500:	2.26	.048	2.37	2.20	9
2000:	1.81	.007	1.82	1.81	2
2500:	1.57	----- N/A -----			1
3000:	1.41	----- N/A -----			1
3500:	1.29	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	365.8	11.96	385.6	347.1	13
10:	364.5	11.47	379.9	346.7	13
20:	360.9	11.49	379.8	343.1	13
30:	333.4	38.65	373.1	258.5	13
50:	256.9	15.95	275.4	233.6	13
75:	235.5	10.46	254.5	222.6	13
100:	216.3	12.48	239.7	196.0	13
125:	180.8	19.34	205.9	151.7	13
150:	153.0	10.32	167.5	138.8	13
175:	139.8	3.50	145.5	134.8	13
200:	133.5	2.06	137.6	130.7	13
225:	129.0	2.06	132.7	124.7	13
250:	125.3	2.17	128.6	120.6	13
300:	118.5	2.14	122.3	113.6	13
400:	107.1	1.77	110.3	103.7	13
500:	97.9	1.50	100.4	95.2	11
600:	89.9	1.44	91.8	86.9	11
700:	83.4	1.63	87.3	80.8	11
800:	77.8	1.50	81.5	75.4	11
900:	72.9	1.34	76.4	71.3	11
1000:	68.4	1.43	71.3	65.8	11
1200:	61.3	1.50	64.1	59.2	11
1500:	53.1	1.70	55.7	51.0	9
2000:	42.6	.71	43.1	42.1	2
2500:	38.0	----- N/A -----			1
3000:	34.7	----- N/A -----			1
3500:	33.0	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.37	.012	.38	.35	13
20:	.73	.023	.76	.69	13
30:	1.08	.033	1.14	1.04	13
50:	1.67	.083	1.79	1.50	13
75:	2.25	.111	2.45	2.08	13
100:	2.85	.130	3.04	2.61	13
125:	3.35	.149	3.55	3.05	13
150:	3.77	.169	4.00	3.42	13
175:	4.14	.177	4.39	3.77	13
200:	4.49	.177	4.75	4.12	13
225:	4.82	.177	5.09	4.45	13
250:	5.15	.180	5.42	4.77	13
300:	5.77	.182	6.06	5.39	13
400:	6.92	.179	7.24	6.55	13
500:	8.00	.193	8.32	7.60	11
600:	8.98	.201	9.32	8.59	11
700:	9.90	.205	10.26	9.51	11
800:	10.76	.214	11.13	10.35	11
900:	11.58	.217	11.94	11.16	11
1000:	12.35	.221	12.71	11.93	11
1200:	13.80	.229	14.13	13.36	11
1500:	15.75	.168	16.04	15.58	9
2000:	18.68	.226	18.84	18.52	2
2500:	21.02	----- N/A -----			1
3000:	23.38	----- N/A -----			1
3500:	25.67	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	13
10:	.02	.000	.02	.02	13
20:	.07	.005	.08	.07	13
30:	.16	.009	.16	.15	13
50:	.40	.026	.44	.35	13
75:	.79	.045	.85	.71	13
100:	1.30	.065	1.38	1.19	13
125:	1.87	.096	2.02	1.69	13
150:	2.46	.133	2.67	2.21	13
175:	3.07	.152	3.30	2.79	13
200:	3.73	.160	3.96	3.45	13
225:	4.45	.162	4.67	4.17	13
250:	5.24	.163	5.47	4.95	13
300:	6.99	.165	7.24	6.70	13
400:	11.11	.168	11.46	10.82	13
500:	16.00	.223	16.44	15.68	11
600:	21.51	.285	22.05	21.18	11
700:	27.60	.347	28.22	27.10	11
800:	34.19	.446	34.88	33.51	11
900:	41.28	.536	42.28	40.44	11
1000:	48.78	.614	50.03	47.74	11
1200:	64.93	.876	66.85	63.33	11
1500:	91.55	1.137	93.01	89.29	9
2000:	141.38	.057	141.42	141.34	2
2500:	198.80	----- N/A -----			1
3000:	264.94	----- N/A -----			1
3500:	340.92	----- N/A -----			1

SEPTEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.27	----- N/A -----			1
10:	6.15	----- N/A -----			1
20:	6.27	----- N/A -----			1
30:	6.37	----- N/A -----			1
50:	6.82	----- N/A -----			1
75:	6.58	----- N/A -----			1
100:	5.77	----- N/A -----			1
125:	4.60	----- N/A -----			1
150:	3.99	----- N/A -----			1
175:	3.59	----- N/A -----			1
200:	3.28	----- N/A -----			1
225:	2.98	----- N/A -----			1
250:	2.70	----- N/A -----			1
300:	2.20	----- N/A -----			1
400:	1.57	----- N/A -----			1
500:	1.14	----- N/A -----			1
600:	.88	----- N/A -----			1
700:	.66	----- N/A -----			1
800:	.55	----- N/A -----			1
900:	.54	----- N/A -----			1
1000:	.54	----- N/A -----			1
1200:	.57	----- N/A -----			1
1500:	.70	----- N/A -----			1
2000:	1.31	----- N/A -----			1
2500:	1.90	----- N/A -----			1
3000:	2.72	----- N/A -----			1
3500:	2.88	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1500	2.1	1504	1497	13
10:	1500	2.1	1503	1497	13
20:	1500	2.1	1504	1497	13
30:	1495	6.5	1503	1483	13
50:	1481	3.3	1487	1475	13
75:	1476	2.4	1481	1472	13
100:	1474	2.2	1477	1470	13
125:	1473	2.8	1478	1467	13
150:	1474	1.8	1478	1472	13
175:	1474	1.9	1478	1471	13
200:	1474	1.9	1477	1470	13
225:	1473	1.8	1476	1470	13
250:	1472	1.7	1476	1469	13
300:	1472	1.2	1474	1470	13
400:	1472	.6	1473	1471	13
500:	1473	.5	1474	1473	11
600:	1474	.3	1475	1474	11
700:	1475	.0	1475	1475	11
800:	1476	.0	1476	1476	11
900:	1477	.0	1477	1477	11
1000:	1478	.0	1478	1478	11
1200:	1480	.0	1480	1480	11
1500:	1484	.0	1484	1484	9
2000:	1491	.0	1491	1491	2
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.353	.2204	12.710	11.930	11
10:	11.987	.2146	12.332	11.573	11
20:	11.622	.2082	11.949	11.217	11
30:	11.263	.1955	11.566	10.890	11
50:	10.674	.1536	10.918	10.431	11
75:	10.054	.1377	10.264	9.852	11
100:	9.489	.1204	9.670	9.327	11
125:	8.993	.1054	9.155	8.819	11
150:	8.578	.1036	8.746	8.354	11
175:	8.211	.1035	8.387	7.973	11
200:	7.866	.1023	8.048	7.631	11
225:	7.532	.0982	7.714	7.313	11
250:	7.207	.0958	7.388	6.994	11
300:	6.580	.0885	6.761	6.397	11
400:	5.426	.0793	5.594	5.274	11
500:	4.358	.0652	4.506	4.248	11
600:	3.375	.0500	3.491	3.287	11
700:	2.455	.0405	2.556	2.393	11
800:	1.593	.0262	1.657	1.554	11
900:	.774	.0122	.801	.754	11
1000:	.000	.0000	.000	.000	11
1200:	-1.440	.0283	-1.391	-1.501	11
1500:	-3.381	.0709	-3.280	-3.473	9
2000:	-6.151	.0332	-6.128	-6.175	2
2500:	-8.675	----- N/A -----			1
3000:	-11.035	----- N/A -----			1
3500:	-13.328	----- N/A -----			1

OCTOBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.90	.989	12.03	10.18	3
10:	10.99	.944	12.00	10.19	3
20:	10.98	.928	12.00	10.19	3
30:	10.97	.909	11.97	10.19	3
50:	9.61	.602	10.24	9.04	3
75:	7.08	.520	7.50	6.50	3
100:	6.08	.187	6.23	5.87	3
125:	5.84	.407	6.31	5.60	3
150:	5.73	.375	6.16	5.51	3
175:	5.62	.271	5.88	5.34	3
200:	5.43	.320	5.74	5.10	3
225:	5.14	.380	5.51	4.75	3
250:	4.87	.330	5.19	4.53	3
300:	4.46	.207	4.65	4.24	3
400:	4.06	.110	4.17	3.95	3
500:	3.84	.069	3.89	3.77	3
600:	3.65	.064	3.70	3.58	3
700:	3.47	.075	3.55	3.40	3
800:	3.28	.067	3.35	3.22	3
900:	3.13	.045	3.17	3.08	3
1000:	2.98	.049	3.01	2.92	3
1200:	2.70	.051	2.74	2.64	3
1500:	2.37	.066	2.44	2.31	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.550	.0784	32.646	32.500	3
10:	32.545	.1004	32.660	32.475	3
20:	32.546	.1039	32.665	32.473	3
30:	32.549	.1051	32.670	32.478	3
50:	32.590	.1389	32.750	32.500	3
75:	32.725	.0912	32.830	32.670	3
100:	32.979	.2857	33.290	32.728	3
125:	33.459	.3519	33.770	33.077	3
150:	33.684	.1926	33.850	33.473	3
175:	33.811	.0616	33.880	33.762	3
200:	33.845	.0393	33.890	33.817	3
225:	33.869	.0356	33.910	33.847	3
250:	33.875	.0180	33.896	33.855	3
300:	33.904	.0315	33.940	33.882	3
400:	33.991	.0372	34.032	33.960	3
500:	34.043	.0266	34.122	34.020	3
600:	34.172	.0250	34.199	34.150	3
700:	34.236	.0280	34.266	34.210	3
800:	34.299	.0286	34.332	34.260	3
900:	34.338	.0322	34.373	34.310	3
1000:	34.373	.0299	34.405	34.346	3
1200:	34.431	.0410	34.473	34.391	3
1500:	34.509	.0261	34.539	34.491	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.906	.1159	24.995	24.775	3
10:	24.888	.0997	24.994	24.796	3
20:	24.891	.0971	24.994	24.801	3
30:	24.894	.0929	24.994	24.810	3
50:	25.158	.1943	25.375	25.000	3
75:	25.640	.1397	25.800	25.544	3
100:	25.971	.2162	26.197	25.766	3
125:	26.378	.2412	26.565	26.106	3
150:	26.570	.1214	26.647	26.430	3
175:	26.683	.0754	26.706	26.642	3
200:	26.733	.0155	26.749	26.718	3
225:	26.785	.0261	26.815	26.766	3
250:	26.821	.0365	26.863	26.797	3
300:	26.890	.0454	26.942	26.858	3
400:	27.000	.0406	27.044	26.964	3
500:	27.109	.0268	27.134	27.083	3
600:	27.185	.0258	27.214	27.165	3
700:	27.255	.0266	27.285	27.235	3
800:	27.322	.0276	27.354	27.304	3
900:	27.368	.0285	27.400	27.346	3
1000:	27.409	.0277	27.440	27.386	3
1200:	27.481	.0376	27.520	27.445	3
1500:	27.571	.0247	27.599	27.555	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	305.6	11.00	318.6	297.1	3
10:	307.5	9.51	316.3	297.4	3
20:	307.4	9.27	316.3	297.6	3
30:	307.3	8.89	315.4	297.8	3
50:	282.5	16.55	297.6	261.8	3
75:	236.8	13.33	245.9	221.5	3
100:	205.5	20.52	226.0	184.1	3
125:	167.1	22.70	192.9	149.6	3
150:	149.3	11.39	162.4	142.1	3
175:	138.9	3.32	142.7	136.8	3
200:	134.3	1.57	135.7	132.6	3
225:	129.5	2.62	131.3	126.5	3
250:	126.2	3.66	128.7	122.0	3
300:	120.0	4.43	123.1	114.9	3
400:	110.1	3.91	113.6	105.9	3
500:	100.9	2.59	102.9	98.0	3
600:	93.9	2.53	95.8	91.0	3
700:	87.8	2.54	89.6	84.9	3
800:	81.8	2.71	83.7	78.7	3
900:	78.0	2.72	80.0	74.9	3
1000:	74.4	2.68	76.6	71.4	3
1200:	68.1	3.56	71.5	64.4	3
1500:	60.3	2.50	62.0	57.4	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

OCTOBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.90	.989	12.03	10.18	3
10:	10.98	.930	12.00	10.18	3
20:	10.97	.922	11.99	10.19	3
30:	10.97	.909	11.97	10.19	3
50:	9.60	.607	10.24	9.03	3
75:	7.08	.515	7.49	6.50	3
100:	6.07	.169	6.22	5.86	3
125:	5.83	.407	6.30	5.59	3
150:	5.72	.375	6.15	5.50	3
175:	5.61	.270	5.87	5.33	3
200:	5.41	.315	5.72	5.09	3
225:	5.12	.375	5.49	4.79	3
250:	4.65	.330	5.17	4.51	3
300:	4.44	.206	4.63	4.22	3
400:	4.04	.115	4.15	3.92	3
500:	3.80	.064	3.85	3.73	3
600:	3.61	.064	3.66	3.54	3
700:	3.42	.075	3.50	3.35	3
800:	3.22	.068	3.30	3.17	3
900:	3.06	.045	3.11	3.02	3
1000:	2.91	.044	2.94	2.86	3
1200:	2.61	.050	2.66	2.56	3
1500:	2.27	.066	2.34	2.21	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	305.6	11.00	318.0	297.1	3
10:	307.2	9.46	316.0	297.2	3
20:	307.0	9.21	315.5	297.2	3
30:	306.7	8.84	314.7	297.2	3
50:	281.5	18.49	296.6	260.9	3
75:	235.7	13.25	244.8	220.5	3
100:	204.2	20.52	223.7	182.8	3
125:	165.5	22.91	191.4	147.8	3
150:	147.3	11.51	160.6	140.0	3
175:	136.6	3.30	140.4	134.4	3
200:	131.8	1.46	133.2	130.3	3
225:	126.8	2.40	128.6	124.1	3
250:	123.4	3.42	126.7	119.5	3
300:	116.9	4.28	119.9	112.0	3
400:	106.4	3.86	109.8	102.2	3
500:	96.5	2.57	98.5	93.6	3
600:	88.7	2.42	90.6	86.0	3
700:	82.1	2.49	84.0	79.3	3
800:	75.6	2.58	77.3	72.6	3
900:	71.3	2.68	73.4	68.3	3
1000:	67.3	2.62	69.5	64.4	3
1200:	60.5	3.51	63.8	56.8	3
1500:	51.8	2.31	53.2	49.1	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	3
10:	.31	.010	.32	.30	3
20:	.61	.020	.63	.59	3
30:	.92	.030	.95	.89	3
50:	1.53	.026	1.55	1.50	3
75:	2.17	.046	2.22	2.13	3
100:	2.72	.081	2.81	2.65	3
125:	3.19	.131	3.33	3.07	3
150:	3.58	.179	3.78	3.43	3
175:	3.94	.190	4.15	3.78	3
200:	4.28	.196	4.50	4.12	3
225:	4.61	.196	4.83	4.45	3
250:	4.93	.203	5.16	4.77	3
300:	5.55	.204	5.78	5.40	3
400:	6.70	.211	6.94	6.56	3
500:	7.76	.227	8.01	7.57	3
600:	8.72	.244	8.99	8.52	3
700:	9.63	.260	9.91	9.40	3
800:	10.47	.278	10.77	10.22	3
900:	11.27	.301	11.58	10.98	3
1000:	12.03	.320	12.35	11.71	3
1200:	13.46	.361	13.78	13.07	3
1500:	15.36	.433	15.72	14.88	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	3
10:	.02	.000	.02	.02	3
20:	.06	.000	.06	.06	3
30:	.14	.000	.14	.14	3
50:	.39	.012	.40	.38	3
75:	.80	.032	.82	.76	3
100:	1.29	.065	1.35	1.22	3
125:	1.82	.130	1.95	1.69	3
150:	2.37	.187	2.57	2.20	3
175:	2.96	.208	3.19	2.78	3
200:	3.62	.214	3.85	3.43	3
225:	4.33	.221	4.57	4.14	3
250:	5.10	.227	5.36	4.93	3
300:	6.82	.248	7.11	6.68	3
400:	10.92	.325	11.25	10.60	3
500:	15.79	.464	16.12	15.26	3
600:	21.16	.551	21.62	20.55	3
700:	27.17	.699	27.70	26.38	3
800:	33.66	.905	34.29	32.62	3
900:	40.57	1.129	41.33	39.27	3
1000:	47.95	1.398	48.79	46.34	3
1200:	64.01	2.190	65.65	61.52	3
1500:	90.11	3.237	92.38	86.40	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

OCTOBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1490	3.8	1495	1488	3
10:	1491	3.6	1495	1488	3
20:	1491	3.6	1495	1488	3
30:	1491	3.6	1495	1488	3
50:	1486	2.1	1489	1485	3
75:	1477	2.1	1479	1475	3
100:	1474	1.0	1475	1473	3
125:	1474	2.1	1477	1473	3
150:	1475	1.7	1477	1474	3
175:	1475	1.0	1476	1474	3
200:	1474	1.5	1476	1473	3
225:	1473	1.5	1475	1472	3
250:	1473	1.0	1474	1472	3
300:	1472	1.0	1473	1471	3
400:	1472	.6	1473	1472	3
500:	1473	.0	1473	1473	3
600:	1474	.0	1474	1474	3
700:	1475	.0	1475	1475	3
800:	1476	.0	1476	1476	3
900:	1477	.0	1477	1477	3
1000:	1478	.0	1478	1478	3
1200:	1480	.0	1480	1480	3
1500:	1484	.0	1484	1484	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.032	.3185	12.351	11.714	3
10:	11.726	.3141	12.045	11.417	3
20:	11.418	.3095	11.737	11.119	3
30:	11.111	.3039	11.428	10.822	3
50:	10.504	.2947	10.805	10.216	3
75:	9.862	.2935	10.134	9.551	3
100:	9.309	.2749	9.540	9.005	3
125:	8.843	.2582	9.017	8.546	3
150:	8.448	.2406	8.602	8.171	3
175:	8.091	.2358	8.255	7.821	3
200:	7.750	.2330	7.914	7.483	3
225:	7.420	.2287	7.584	7.159	3
250:	7.101	.2209	7.260	6.849	3
300:	6.487	.2012	6.634	6.258	3
400:	5.337	.1568	5.446	5.157	3
500:	4.274	.1164	4.345	4.140	3
600:	3.317	.1067	3.393	3.195	3
700:	2.409	.0821	2.467	2.315	3
800:	1.561	.0550	1.601	1.498	3
900:	.763	.0287	.787	.731	3
1000:	.000	.0000	.000	.000	3
1200:	-1.431	.0765	-1.354	-1.507	3
1500:	-3.329	.1476	-3.164	-3.449	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

NOVEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.90	----- N/A -----			1
10:	9.89	----- N/A -----			1
20:	9.89	----- N/A -----			1
30:	9.89	----- N/A -----			1
50:	9.69	----- N/A -----			1
75:	7.29	----- N/A -----			1
100:	6.35	----- N/A -----			1
125:	6.31	----- N/A -----			1
150:	6.26	----- N/A -----			1
175:	6.05	----- N/A -----			1
200:	5.63	----- N/A -----			1
225:	5.32	----- N/A -----			1
250:	5.03	----- N/A -----			1
300:	4.63	----- N/A -----			1
400:	4.33	----- N/A -----			1
500:	4.09	----- N/A -----			1
600:	3.84	----- N/A -----			1
700:	3.60	----- N/A -----			1
800:	3.40	----- N/A -----			1
900:	3.22	----- N/A -----			1
1000:	3.07	----- N/A -----			1
1200:	2.80	----- N/A -----			1
1500:	2.47	----- N/A -----			1
2000:	2.04	----- N/A -----			1
2500:	1.74	----- N/A -----			1
3000:	1.60	----- N/A -----			1
3500:	1.53	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.586	----- N/A -----			1
10:	32.556	----- N/A -----			1
20:	32.555	----- N/A -----			1
30:	32.554	----- N/A -----			1
50:	32.562	----- N/A -----			1
75:	32.748	----- N/A -----			1
100:	32.908	----- N/A -----			1
125:	33.177	----- N/A -----			1
150:	33.571	----- N/A -----			1
175:	33.760	----- N/A -----			1
200:	33.835	----- N/A -----			1
225:	33.850	----- N/A -----			1
250:	33.866	----- N/A -----			1
300:	33.895	----- N/A -----			1
400:	33.986	----- N/A -----			1
500:	34.086	----- N/A -----			1
600:	34.163	----- N/A -----			1
700:	34.224	----- N/A -----			1
800:	34.268	----- N/A -----			1
900:	34.304	----- N/A -----			1
1000:	34.337	----- N/A -----			1
1200:	34.393	----- N/A -----			1
1500:	34.463	----- N/A -----			1
2000:	34.552	----- N/A -----			1
2500:	34.613	----- N/A -----			1
3000:	34.638	----- N/A -----			1
3500:	34.662	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.109	----- N/A -----			1
10:	25.087	----- N/A -----			1
20:	25.086	----- N/A -----			1
30:	25.085	----- N/A -----			1
50:	25.125	----- N/A -----			1
75:	25.631	----- N/A -----			1
100:	25.882	----- N/A -----			1
125:	26.097	----- N/A -----			1
150:	26.414	----- N/A -----			1
175:	26.591	----- N/A -----			1
200:	26.701	----- N/A -----			1
225:	26.750	----- N/A -----			1
250:	26.796	----- N/A -----			1
300:	26.864	----- N/A -----			1
400:	26.968	----- N/A -----			1
500:	27.072	----- N/A -----			1
600:	27.160	----- N/A -----			1
700:	27.232	----- N/A -----			1
800:	27.287	----- N/A -----			1
900:	27.332	----- N/A -----			1
1000:	27.372	----- N/A -----			1
1200:	27.442	----- N/A -----			1
1500:	27.525	----- N/A -----			1
2000:	27.632	----- N/A -----			1
2500:	27.704	----- N/A -----			1
3000:	27.734	----- N/A -----			1
3500:	27.759	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	286.3	----- N/A -----			1
10:	288.6	----- N/A -----			1
20:	288.8	----- N/A -----			1
30:	289.1	----- N/A -----			1
50:	285.7	----- N/A -----			1
75:	237.7	----- N/A -----			1
100:	214.0	----- N/A -----			1
125:	193.9	----- N/A -----			1
150:	164.2	----- N/A -----			1
175:	147.7	----- N/A -----			1
200:	137.5	----- N/A -----			1
225:	132.9	----- N/A -----			1
250:	128.7	----- N/A -----			1
300:	122.5	----- N/A -----			1
400:	113.4	----- N/A -----			1
500:	104.2	----- N/A -----			1
600:	96.5	----- N/A -----			1
700:	90.1	----- N/A -----			1
800:	85.4	----- N/A -----			1
900:	81.5	----- N/A -----			1
1000:	78.0	----- N/A -----			1
1200:	72.0	----- N/A -----			1
1500:	64.8	----- N/A -----			1
2000:	55.5	----- N/A -----			1
2500:	49.1	----- N/A -----			1
3000:	46.9	----- N/A -----			1
3500:	45.5	----- N/A -----			1

NOVEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.90	----- N/A -----			1
10:	9.89	----- N/A -----			1
20:	9.89	----- N/A -----			1
30:	9.89	----- N/A -----			1
50:	9.68	----- N/A -----			1
75:	7.28	----- N/A -----			1
100:	6.34	----- N/A -----			1
125:	6.30	----- N/A -----			1
150:	6.25	----- N/A -----			1
175:	6.03	----- N/A -----			1
200:	5.62	----- N/A -----			1
225:	5.30	----- N/A -----			1
250:	5.01	----- N/A -----			1
300:	4.61	----- N/A -----			1
400:	4.30	----- N/A -----			1
500:	4.06	----- N/A -----			1
600:	3.80	----- N/A -----			1
700:	3.55	----- N/A -----			1
800:	3.34	----- N/A -----			1
900:	3.16	----- N/A -----			1
1000:	3.00	----- N/A -----			1
1200:	2.71	----- N/A -----			1
1500:	2.36	----- N/A -----			1
2000:	1.90	----- N/A -----			1
2500:	1.56	----- N/A -----			1
3000:	1.38	----- N/A -----			1
3500:	1.26	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	286.3	----- N/A -----			1
10:	288.3	----- N/A -----			1
20:	288.4	----- N/A -----			1
30:	288.5	----- N/A -----			1
50:	284.7	----- N/A -----			1
75:	236.5	----- N/A -----			1
100:	212.7	----- N/A -----			1
125:	192.2	----- N/A -----			1
150:	162.1	----- N/A -----			1
175:	145.3	----- N/A -----			1
200:	134.9	----- N/A -----			1
225:	130.2	----- N/A -----			1
250:	125.8	----- N/A -----			1
300:	119.3	----- N/A -----			1
400:	109.4	----- N/A -----			1
500:	99.4	----- N/A -----			1
600:	91.1	----- N/A -----			1
700:	84.2	----- N/A -----			1
800:	79.0	----- N/A -----			1
900:	74.6	----- N/A -----			1
1000:	70.8	----- N/A -----			1
1200:	64.1	----- N/A -----			1
1500:	56.1	----- N/A -----			1
2000:	45.8	----- N/A -----			1
2500:	38.7	----- N/A -----			1
3000:	35.6	----- N/A -----			1
3500:	33.0	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	----- N/A -----			1
10:	.29	----- N/A -----			1
20:	.58	----- N/A -----			1
30:	.87	----- N/A -----			1
50:	1.45	----- N/A -----			1
75:	2.11	----- N/A -----			1
100:	2.67	----- N/A -----			1
125:	3.18	----- N/A -----			1
150:	3.63	----- N/A -----			1
175:	4.01	----- N/A -----			1
200:	4.37	----- N/A -----			1
225:	4.71	----- N/A -----			1
250:	5.03	----- N/A -----			1
300:	5.66	----- N/A -----			1
400:	6.84	----- N/A -----			1
500:	7.93	----- N/A -----			1
600:	8.93	----- N/A -----			1
700:	9.86	----- N/A -----			1
800:	10.74	----- N/A -----			1
900:	11.57	----- N/A -----			1
1000:	12.37	----- N/A -----			1
1200:	13.87	----- N/A -----			1
1500:	15.91	----- N/A -----			1
2000:	18.93	----- N/A -----			1
2500:	21.50	----- N/A -----			1
3000:	23.89	----- N/A -----			1
3500:	26.20	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	----- N/A -----			1
10:	.01	----- N/A -----			1
20:	.06	----- N/A -----			1
30:	.13	----- N/A -----			1
50:	.37	----- N/A -----			1
75:	.79	----- N/A -----			1
100:	1.29	----- N/A -----			1
125:	1.88	----- N/A -----			1
150:	2.50	----- N/A -----			1
175:	3.14	----- N/A -----			1
200:	3.81	----- N/A -----			1
225:	4.55	----- N/A -----			1
250:	5.34	----- N/A -----			1
300:	7.09	----- N/A -----			1
400:	11.31	----- N/A -----			1
500:	16.29	----- N/A -----			1
600:	21.90	----- N/A -----			1
700:	28.08	----- N/A -----			1
800:	34.77	----- N/A -----			1
900:	41.99	----- N/A -----			1
1000:	49.70	----- N/A -----			1
1200:	66.52	----- N/A -----			1
1500:	94.64	----- N/A -----			1
2000:	148.33	----- N/A -----			1
2500:	207.16	----- N/A -----			1
3000:	274.23	----- N/A -----			1
3500:	350.69	----- N/A -----			1

NOVEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.46	----- N/A -----			1
10:	6.51	----- N/A -----			1
20:	6.47	----- N/A -----			1
30:	6.44	----- N/A -----			1
50:	6.41	----- N/A -----			1
75:	5.83	----- N/A -----			1
100:	5.36	----- N/A -----			1
125:	3.50	----- N/A -----			1
150:	5.12	----- N/A -----			1
175:	4.50	----- N/A -----			1
200:	3.84	----- N/A -----			1
225:	3.37	----- N/A -----			1
250:	2.90	----- N/A -----			1
300:	2.37	----- N/A -----			1
400:	1.47	----- N/A -----			1
500:	.94	----- N/A -----			1
600:	.71	----- N/A -----			1
700:	.57	----- N/A -----			1
800:	.65	----- N/A -----			1
900:	.77	----- N/A -----			1
1000:	.88	----- N/A -----			1
1200:	1.06	----- N/A -----			1
1500:	1.28	----- N/A -----			1
2000:	1.56	----- N/A -----			1
2500:	1.88	----- N/A -----			1
3000:	2.40	----- N/A -----			1
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1487	----- N/A -----			1
10:	1487	----- N/A -----			1
20:	1487	----- N/A -----			1
30:	1487	----- N/A -----			1
50:	1487	----- N/A -----			1
75:	1478	----- N/A -----			1
100:	1475	----- N/A -----			1
125:	1476	----- N/A -----			1
150:	1477	----- N/A -----			1
175:	1476	----- N/A -----			1
200:	1475	----- N/A -----			1
225:	1474	----- N/A -----			1
250:	1474	----- N/A -----			1
300:	1473	----- N/A -----			1
400:	1473	----- N/A -----			1
500:	1474	----- N/A -----			1
600:	1475	----- N/A -----			1
700:	1476	----- N/A -----			1
800:	1476	----- N/A -----			1
900:	1477	----- N/A -----			1
1000:	1478	----- N/A -----			1
1200:	1481	----- N/A -----			1
1500:	1484	----- N/A -----			1
2000:	1491	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.369	----- N/A -----			1
10:	12.080	----- N/A -----			1
20:	11.792	----- N/A -----			1
30:	11.504	----- N/A -----			1
50:	10.914	----- N/A -----			1
75:	10.264	----- N/A -----			1
100:	9.700	----- N/A -----			1
125:	9.187	----- N/A -----			1
150:	8.743	----- N/A -----			1
175:	8.355	----- N/A -----			1
200:	8.001	----- N/A -----			1
225:	7.663	----- N/A -----			1
250:	7.337	----- N/A -----			1
300:	6.710	----- N/A -----			1
400:	5.527	----- N/A -----			1
500:	4.440	----- N/A -----			1
600:	3.438	----- N/A -----			1
700:	2.506	----- N/A -----			1
800:	1.630	----- N/A -----			1
900:	.797	----- N/A -----			1
1000:	.000	----- N/A -----			1
1200:	-1.500	----- N/A -----			1
1500:	-3.544	----- N/A -----			1
2000:	-6.558	----- N/A -----			1
2500:	-9.127	----- N/A -----			1
3000:	-11.520	----- N/A -----			1
3500:	-13.829	----- N/A -----			1

DECEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.45	.588	9.34	7.59	12
10:	8.41	.621	9.31	7.59	12
20:	8.41	.625	9.31	7.56	12
30:	8.39	.617	9.30	7.55	12
50:	8.32	.584	9.30	7.56	12
75:	7.65	.685	9.27	6.60	12
100:	5.96	.427	6.98	5.31	12
125:	5.47	.423	6.22	4.69	12
150:	5.54	.323	6.09	5.19	12
175:	5.43	.327	6.17	5.07	12
200:	5.23	.356	6.07	4.77	12
225:	5.01	.379	5.93	4.47	12
250:	4.78	.375	5.70	4.20	12
300:	4.42	.347	5.26	3.77	12
400:	4.06	.163	4.33	3.77	12
500:	3.87	.095	4.03	3.74	11
600:	3.66	.078	3.80	3.55	11
700:	3.48	.079	3.62	3.38	11
800:	3.30	.071	3.46	3.21	11
900:	3.14	.063	3.25	3.06	11
1000:	2.98	.047	3.06	2.91	11
1200:	2.70	.061	2.85	2.62	11
1500:	2.37	.089	2.58	2.31	8
2000:	2.23	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.529	.0769	32.670	32.430	12
10:	32.529	.0694	32.667	32.454	12
20:	32.529	.0679	32.664	32.466	12
30:	32.529	.0706	32.680	32.461	12
50:	32.534	.0696	32.680	32.458	12
75:	32.633	.1379	32.970	32.480	12
100:	32.989	.1515	33.180	32.544	12
125:	33.224	.2489	33.580	32.871	12
150:	33.613	.1670	33.860	33.235	12
175:	33.767	.1000	33.880	33.526	12
200:	33.818	.0645	33.900	33.660	12
225:	33.834	.0599	33.900	33.710	12
250:	33.847	.0540	33.910	33.731	12
300:	33.884	.0518	33.940	33.773	12
400:	33.981	.0344	34.025	33.929	12
500:	34.077	.0259	34.110	34.019	11
600:	34.158	.0253	34.200	34.104	11
700:	34.224	.0227	34.260	34.176	11
800:	34.277	.0194	34.300	34.235	11
900:	34.326	.0166	34.350	34.287	11
1000:	34.366	.0135	34.380	34.345	11
1200:	34.435	.0167	34.453	34.399	11
1500:	34.500	.0255	34.533	34.454	8
2000:	34.525	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.291	.0877	25.505	25.208	12
10:	25.292	.0889	25.502	25.208	12
20:	25.294	.0891	25.502	25.211	12
30:	25.300	.0853	25.502	25.221	12
50:	25.314	.0781	25.502	25.216	12
75:	25.488	.1751	25.858	25.280	12
100:	25.914	.1257	26.158	25.648	12
125:	26.237	.1751	26.484	25.962	12
150:	26.536	.1155	26.663	26.276	12
175:	26.671	.0670	26.741	26.523	12
200:	26.735	.0423	26.796	26.662	12
225:	26.773	.0390	26.832	26.708	12
250:	26.809	.0340	26.859	26.752	12
300:	26.877	.0381	26.922	26.804	12
400:	26.993	.0268	27.019	26.932	12
500:	27.089	.0252	27.110	27.028	11
600:	27.173	.0241	27.204	27.117	11
700:	27.244	.0229	27.275	27.192	11
800:	27.303	.0199	27.322	27.255	11
900:	27.357	.0165	27.379	27.316	11
1000:	27.403	.0135	27.417	27.373	11
1200:	27.483	.0170	27.502	27.442	11
1500:	27.563	.0250	27.588	27.509	8
2000:	27.595	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	269.9	8.32	276.9	248.7	12
10:	269.0	8.44	277.0	249.1	12
20:	269.0	8.48	276.9	249.2	12
30:	268.6	8.13	276.2	249.4	12
50:	267.6	7.47	277.0	249.6	12
75:	251.3	16.73	271.2	216.0	12
100:	210.9	11.95	236.1	187.7	12
125:	180.4	16.56	206.7	157.1	12
150:	152.4	10.91	176.9	140.6	12
175:	139.8	6.35	153.7	133.2	12
200:	134.1	4.05	141.0	128.3	12
225:	130.5	3.77	136.7	124.9	12
250:	127.3	3.30	133.2	122.6	12
300:	121.1	3.70	128.6	116.8	12
400:	110.8	2.59	116.8	108.4	12
500:	102.4	2.44	108.3	100.4	11
600:	95.0	2.35	100.5	92.1	11
700:	88.8	2.24	93.9	85.8	11
800:	83.7	2.00	88.5	81.8	11
900:	78.9	1.62	83.0	76.9	11
1000:	75.0	1.35	77.9	73.5	11
1200:	67.9	1.73	72.2	65.9	11
1500:	60.9	2.53	66.7	58.6	8
2000:	59.7	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DECEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.45	.588	9.34	7.59	12
10:	8.41	.621	9.31	7.59	12
20:	8.40	.624	9.31	7.56	12
30:	8.39	.616	9.30	7.55	12
50:	8.32	.582	9.30	7.56	12
75:	7.64	.686	9.27	6.59	12
100:	5.95	.427	6.97	5.30	12
125:	5.45	.422	6.21	4.68	12
150:	5.53	.323	6.08	5.18	12
175:	5.41	.329	6.15	5.05	12
200:	5.21	.356	6.06	4.75	12
225:	4.99	.379	5.91	4.45	12
250:	4.76	.375	5.68	4.18	12
300:	4.40	.348	5.24	3.75	12
400:	4.03	.163	4.30	3.74	12
500:	3.83	.096	3.99	3.70	11
600:	3.62	.081	3.76	3.50	11
700:	3.43	.079	3.57	3.33	11
800:	3.25	.068	3.40	3.16	11
900:	3.07	.053	3.18	3.00	11
1000:	2.92	.046	2.99	2.85	11
1200:	2.62	.058	2.76	2.54	11
1500:	2.27	.086	2.47	2.21	8
2000:	2.09	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	268.9	8.32	276.9	248.7	12
10:	268.8	8.46	276.9	248.9	12
20:	268.7	8.47	276.6	248.9	12
30:	268.1	8.11	275.6	248.9	12
50:	266.7	7.41	276.1	248.9	12
75:	250.1	16.65	269.9	214.9	12
100:	209.6	11.94	234.9	186.5	12
125:	178.9	16.61	205.0	155.5	12
150:	150.6	10.96	175.2	138.5	12
175:	137.7	6.37	151.8	131.1	12
200:	131.7	4.00	138.6	125.9	12
225:	128.0	3.69	134.2	122.4	12
250:	124.6	3.22	129.9	119.8	12
300:	118.1	3.60	125.0	113.8	12
400:	107.1	2.56	112.9	104.6	12
500:	97.9	2.40	103.7	95.9	11
600:	89.9	2.28	95.2	86.9	11
700:	83.1	2.17	88.0	80.1	11
800:	77.5	1.89	82.0	75.6	11
900:	72.3	1.56	76.2	70.2	11
1000:	67.9	1.30	70.8	66.5	11
1200:	60.2	1.60	64.1	58.4	11
1500:	52.5	2.36	57.6	50.2	8
2000:	49.2	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	12
10:	.27	.010	.28	.25	12
20:	.54	.015	.55	.50	12
30:	.81	.024	.83	.75	12
50:	1.35	.040	1.38	1.25	12
75:	2.01	.046	2.06	1.88	12
100:	2.58	.065	2.66	2.43	12
125:	3.07	.085	3.19	2.91	12
150:	3.48	.107	3.66	3.33	12
175:	3.84	.126	4.07	3.68	12
200:	4.19	.135	4.44	4.02	12
225:	4.51	.142	4.77	4.35	12
250:	4.84	.148	5.10	4.67	12
300:	5.46	.158	5.73	5.29	12
400:	6.62	.180	6.96	6.44	12
500:	7.66	.181	8.08	7.49	11
600:	8.64	.202	9.13	8.45	11
700:	9.56	.220	10.10	9.34	11
800:	10.42	.237	11.01	10.17	11
900:	11.24	.253	11.88	10.97	11
1000:	12.01	.269	12.68	11.72	11
1200:	13.43	.276	14.14	13.12	11
1500:	15.43	.314	16.09	15.05	8
2000:	18.63	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	12
10:	.01	.000	.01	.01	12
20:	.06	.005	.06	.05	12
30:	.12	.007	.13	.11	12
50:	.34	.009	.35	.32	12
75:	.77	.020	.80	.73	12
100:	1.27	.045	1.34	1.19	12
125:	1.83	.072	1.94	1.70	12
150:	2.41	.112	2.60	2.25	12
175:	3.01	.141	3.28	2.83	12
200:	3.66	.164	3.98	3.48	12
225:	4.38	.182	4.71	4.20	12
250:	5.16	.198	5.51	4.95	12
300:	6.90	.237	7.31	6.63	12
400:	11.04	.335	11.67	10.65	12
500:	15.88	.432	16.84	15.46	11
600:	21.40	.542	22.69	20.86	11
700:	27.49	.687	29.14	26.73	11
800:	34.07	.830	36.10	33.13	11
900:	41.12	.983	43.58	40.00	11
1000:	48.56	1.082	51.33	47.28	11
1200:	64.55	1.270	67.68	62.94	11
1500:	91.43	1.881	94.51	89.32	6
2000:	149.86	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DECEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1481	2.4	1485	1478	12
10:	1481	2.4	1485	1478	12
20:	1481	2.4	1485	1478	12
30:	1481	2.3	1485	1478	12
50:	1481	2.3	1486	1479	12
75:	1479	2.3	1486	1476	12
100:	1473	1.8	1478	1471	12
125:	1472	1.9	1475	1469	12
150:	1473	1.4	1476	1472	12
175:	1473	1.4	1477	1472	12
200:	1473	1.4	1477	1472	12
225:	1473	1.6	1477	1471	12
250:	1472	1.5	1476	1470	12
300:	1472	1.6	1476	1469	12
400:	1472	.7	1473	1471	12
500:	1473	.4	1474	1473	11
600:	1474	.4	1475	1474	11
700:	1475	.3	1476	1475	11
800:	1476	.3	1477	1476	11
900:	1477	.0	1477	1477	11
1000:	1478	.0	1478	1478	11
1200:	1480	.3	1481	1480	11
1500:	1484	.4	1485	1484	8
2000:	1492	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.005	.2625	12.676	11.717	11
10:	11.736	.2618	12.405	11.450	11
20:	11.467	.2611	12.134	11.184	11
30:	11.198	.2603	11.862	10.919	11
50:	10.661	.2599	11.321	10.388	11
75:	10.003	.2544	10.644	9.707	11
100:	9.433	.2412	10.026	9.120	11
125:	8.947	.2233	9.491	8.669	11
150:	8.540	.2037	9.025	8.299	11
175:	8.181	.1919	8.636	7.957	11
200:	7.843	.1844	8.282	7.631	11
225:	7.513	.1769	7.938	7.314	11
250:	7.191	.1695	7.600	7.005	11
300:	6.570	.1555	6.945	6.387	11
400:	5.413	.1205	5.721	5.279	11
500:	4.348	.0961	4.593	4.231	11
600:	3.363	.0746	3.548	3.268	11
700:	2.444	.0516	2.574	2.382	11
800:	1.583	.0322	1.664	1.545	11
900:	.768	.0143	.801	.752	11
1000:	.000	.0000	.000	.000	11
1200:	-1.426	.0270	-1.398	-1.488	11
1500:	-3.362	.0946	-3.265	-3.566	8
2000:	-6.716	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

Table 17. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 10.

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.11	.257	14.34	13.61	8	32.441	.0692	32.512	32.296	8
24.4:	13.25	.302	13.75	12.62	16	32.486	.0710	32.590	32.382	16
24.6:	12.37	.452	13.52	11.53	27	32.535	.0986	32.793	32.346	27
24.8:	11.35	.433	12.55	10.54	34	32.550	.0940	32.800	32.387	34
25.0:	10.28	.434	11.50	9.55	41	32.566	.0948	32.819	32.409	41
25.2:	9.20	.450	10.68	8.38	48	32.588	.0948	32.875	32.417	48
25.4:	8.09	.516	9.60	7.27	73	32.616	.1002	32.912	32.450	73
25.6:	6.97	.431	8.54	6.27	106	32.663	.0769	32.954	32.530	106
25.8:	6.03	.469	7.34	5.20	128	32.763	.0766	32.976	32.631	128
26.0:	5.64	.494	6.71	4.37	133	32.956	.0774	33.123	32.770	133
26.2:	5.55	.425	6.62	4.48	133	33.199	.0661	33.374	33.040	133
26.4:	5.53	.392	6.61	4.61	133	33.444	.0601	33.622	33.312	133
26.6:	5.47	.426	6.36	4.52	133	33.686	.0642	33.830	33.547	133
26.8:	4.79	.309	5.50	3.97	133	33.839	.0432	33.940	33.727	133
27.0:	4.06	.131	4.35	3.66	120	33.991	.0171	34.032	33.944	120
27.2:	3.61	.071	3.78	3.43	105	34.186	.0088	34.207	34.164	105
27.4:	3.01	.057	3.22	2.83	104	34.365	.0067	34.390	34.346	104
		DEPTH					SVA			
24.2:	13	9.0	30	4	8	373.2	.23	373.6	373.0	8
24.4:	24	7.2	34	13	16	354.3	.18	354.6	353.9	16
24.6:	28	6.7	38	16	27	335.7	.12	335.4	334.8	27
24.8:	27	9.0	41	6	34	316.1	.16	316.4	315.8	34
25.0:	31	10.5	50	4	41	297.1	.19	297.6	296.7	41
25.2:	37	10.3	57	13	48	278.2	.19	278.5	277.8	48
25.4:	48	17.5	82	13	73	259.3	.25	259.9	258.8	73
25.6:	65	22.7	105	3	106	240.4	.28	241.0	239.6	106
25.8:	90	18.5	124	17	128	221.6	.21	222.0	220.8	128
26.0:	111	11.6	134	75	133	202.7	.14	203.1	202.4	133
26.2:	124	11.2	144	87	133	183.9	.13	184.2	183.5	133
26.4:	136	12.0	164	99	133	165.1	.15	165.5	164.7	133
26.6:	157	13.4	188	120	133	146.4	.19	146.8	145.9	133
26.8:	233	20.9	293	170	133	128.0	.29	129.0	127.2	133
27.0:	391	26.0	467	308	120	110.1	.27	110.7	109.3	120
27.2:	619	33.6	711	528	105	92.6	.26	93.2	91.8	105
27.4:	966	40.3	1080	851	104	75.1	.20	75.7	74.6	104

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.2:	14.11	.256	14.33	13.61	8	371.8	1.05	372.8	370.4	8
24.4:	13.24	.302	13.75	12.61	16	351.7	2.47	353.7	346.8	16
24.6:	12.37	.452	13.52	11.53	27	331.9	3.35	338.4	325.5	27
24.8:	11.35	.433	12.55	10.53	34	312.8	3.53	315.7	305.0	34
25.0:	10.28	.434	11.50	9.55	41	293.9	2.92	296.6	285.5	41
25.2:	9.20	.451	10.68	8.38	48	275.5	2.01	277.6	268.0	48
25.4:	8.09	.517	9.60	7.27	73	257.3	1.28	258.6	252.4	73
25.6:	6.96	.432	8.54	6.21	106	238.8	.73	239.6	236.5	106
25.8:	6.03	.469	7.33	5.20	128	220.0	.55	220.5	218.2	128
26.0:	5.63	.494	6.70	4.36	133	200.9	.47	201.5	199.0	133
26.2:	5.54	.425	6.61	4.46	133	181.8	.45	182.5	180.5	133
26.4:	5.52	.392	6.60	4.60	133	163.1	.30	163.5	162.2	133
26.6:	5.45	.426	6.37	4.51	133	144.3	.11	144.5	143.9	133
26.8:	4.78	.308	5.48	3.96	133	125.4	.05	125.5	125.2	133
27.0:	4.03	.130	4.32	3.64	120	106.3	.11	106.4	106.0	120
27.2:	3.57	.071	3.74	3.38	105	87.2	.06	87.4	87.1	105
27.4:	2.94	.059	3.16	2.75	104	68.2	.06	68.3	68.0	104
		DELTA D					POT. ENERGY			
24.2:	.51	.351	1.15	.15	8	.05	.065	.18	.00	8
24.4:	.90	.266	1.29	.51	16	.12	.067	.22	.03	16
24.6:	.95	.253	1.42	.59	27	.14	.069	.27	.05	27
24.8:	.97	.340	1.54	.18	34	.15	.086	.32	.01	34
25.0:	1.08	.369	1.66	.13	41	.19	.105	.40	.00	41
25.2:	1.23	.360	1.77	.36	48	.25	.125	.52	.02	48
25.4:	1.44	.511	2.31	.34	73	.39	.247	.93	.02	73
25.6:	1.81	.622	2.98	.08	106	.66	.376	1.42	.00	106
25.8:	2.33	.516	3.30	.38	128	1.08	.378	1.93	.03	128
26.0:	2.76	.360	3.61	1.75	133	1.51	.315	2.22	.66	133
26.2:	3.01	.343	3.80	1.99	133	1.81	.324	2.49	.85	133
26.4:	3.24	.354	4.03	2.21	133	2.12	.365	2.94	1.06	133
26.6:	3.56	.375	4.43	2.53	133	2.61	.438	3.62	1.42	133
26.8:	4.60	.458	5.67	3.29	133	4.69	.773	7.12	2.56	133
27.0:	6.47	.492	7.76	4.91	120	10.72	1.374	15.25	6.53	120
27.2:	8.79	.571	10.20	7.13	105	22.75	2.469	29.84	16.00	105
27.4:	11.70	.609	13.28	9.82	104	46.34	3.975	57.45	34.88	104

STD SIGMA T	DELTA -OH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.2:	11.967	.4728	12.437	11.380	5	12.527	.1520	12.687	12.334	5
24.4:	11.374	.2491	11.943	11.060	11	12.362	.2069	12.625	11.924	11
24.6:	11.275	.2157	11.756	10.950	19	12.213	.2201	12.561	11.784	19
24.8:	11.259	.2997	11.968	10.847	25	12.152	.1917	12.511	11.744	25
25.0:	11.059	.2766	11.754	10.381	29	12.080	.1909	12.452	11.700	29
25.2:	10.885	.2776	11.464	10.071	35	12.000	.2213	12.376	11.348	35
25.4:	10.565	.4381	11.971	9.642	55	11.896	.2336	12.587	11.295	55
25.6:	10.109	.4853	11.739	9.287	84	11.747	.2443	12.422	10.838	84
25.8:	9.556	.3198	10.422	8.920	100	11.570	.2351	12.243	10.794	100
26.0:	9.157	.2206	9.762	8.705	104	11.380	.2183	12.029	10.668	104
26.2:	8.913	.2182	9.422	8.340	104	11.160	.2092	11.778	10.471	104
26.4:	8.689	.2133	9.144	8.128	104	10.919	.2007	11.507	10.250	104
26.6:	8.368	.1959	8.810	7.930	104	10.652	.1921	11.205	10.003	104
26.8:	7.304	.1783	7.757	6.843	104	10.311	.1732	10.814	9.727	104
27.0:	5.390	.1866	5.925	4.913	104	9.756	.1348	10.126	9.320	104
27.2:	3.089	.2420	3.740	2.441	105	8.878	.0902	9.111	8.598	105
27.4:	.177	.3019	1.022	-.696	104	7.509	.0241	7.559	7.421	104
	OXYGEN						SOUND			
24.2:	6.31	----- N/A -----			1	1501	.9	1503	1500	8
24.4:	6.43	----- N/A -----			1	1499	1.2	1501	1497	16
24.6:	6.59	.028	6.62	6.48	2	1496	1.6	1500	1493	27
24.8:	6.68	.099	6.75	6.61	2	1492	1.6	1497	1490	34
25.0:	6.81	.184	6.94	6.68	2	1488	1.7	1493	1486	41
25.2:	6.72	.406	7.11	6.30	3	1484	1.9	1491	1482	48
25.4:	6.71	.608	7.25	6.05	3	1480	2.0	1487	1478	73
25.6:	6.71	.618	7.16	5.84	4	1476	1.8	1483	1474	106
25.8:	6.67	.551	7.32	5.79	6	1473	2.0	1479	1470	126
26.0:	6.03	1.056	6.76	3.55	8	1472	2.1	1477	1467	133
26.2:	5.61	.675	6.12	4.18	8	1472	1.8	1477	1469	133
26.4:	5.28	.381	5.58	4.46	8	1473	1.7	1478	1470	133
26.6:	4.58	.350	4.90	3.88	8	1473	1.8	1477	1470	133
26.8:	3.23	.284	3.55	2.85	8	1472	1.4	1476	1469	133
27.0:	1.61	.293	2.02	1.25	8	1472	.8	1474	1470	120
27.2:	.77	.100	.93	.63	7	1474	.7	1476	1472	105
27.4:	.58	.169	.95	.47	7	1477	.6	1479	1476	104

Table 18. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, by months, for Station 10.

JANUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.63	.234	7.90	7.46	3
25.6:	6.69	.272	7.37	6.46	13
25.8:	6.23	.380	6.75	5.59	13
26.0:	5.70	.508	6.34	4.72	13
26.2:	5.55	.393	6.03	4.93	13
26.4:	5.48	.278	5.89	5.17	13
26.6:	5.46	.232	5.90	5.04	13
26.8:	4.86	.292	5.36	4.28	13
27.0:	4.05	.145	4.23	3.76	13
27.2:	3.63	.076	3.74	3.52	12
27.4:	3.03	.045	3.11	2.96	12

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.517	.0406	32.564	32.490	3
25.6:	32.645	.0488	32.740	32.572	13
25.8:	32.800	.0640	32.883	32.695	13
26.0:	32.969	.0851	33.087	32.818	13
26.2:	33.201	.0649	33.288	33.108	13
26.4:	33.436	.0437	33.506	33.389	13
26.6:	33.684	.0353	33.753	33.623	13
26.8:	33.847	.0409	33.920	33.769	13
27.0:	33.991	.0189	34.016	33.954	13
27.2:	34.188	.0095	34.200	34.174	12
27.4:	34.368	.0054	34.377	34.360	12

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	58	36.2	78	13	3
25.6:	90	9.2	105	79	13
25.8:	101	8.5	116	88	13
26.0:	113	9.7	128	97	13
26.2:	124	10.0	138	109	13
26.4:	136	11.7	153	120	13
26.6:	156	12.0	175	137	13
26.8:	228	24.6	263	178	13
27.0:	391	26.3	439	326	13
27.2:	617	31.9	690	565	12
27.4:	952	26.8	996	891	12

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.4	.49	259.7	258.8	3
25.6:	240.7	.13	241.0	240.6	13
25.8:	221.7	.15	221.9	221.5	13
26.0:	202.7	.13	203.0	202.6	13
26.2:	183.8	.11	184.1	183.7	13
26.4:	165.1	.14	165.4	164.9	13
26.6:	146.4	.16	146.7	146.2	13
26.8:	128.0	.23	128.4	127.6	13
27.0:	110.1	.23	110.6	109.6	13
27.2:	92.6	.25	93.2	92.2	12
27.4:	75.1	.10	75.3	74.9	12

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.63	.240	7.90	7.45	3
25.6:	6.83	.272	7.36	6.45	13
25.8:	6.22	.381	6.74	5.58	13
26.0:	5.69	.508	6.33	4.71	13
26.2:	5.53	.391	6.02	4.92	13
26.4:	5.47	.278	5.88	5.16	13
26.6:	5.45	.232	5.88	5.03	13
26.8:	4.84	.294	5.34	4.26	13
27.0:	4.03	.144	4.21	3.74	13
27.2:	3.59	.077	3.68	3.48	12
27.4:	2.96	.047	3.05	2.89	12

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	258.3	.29	258.5	258.0	3
25.6:	238.5	.54	239.5	238.0	13
25.8:	219.5	.72	220.5	218.2	13
26.0:	200.7	.80	201.5	199.0	13
26.2:	181.5	.54	182.3	180.5	13
26.4:	163.1	.36	163.5	162.4	13
26.6:	144.3	.11	144.4	144.1	13
26.8:	125.4	.05	125.5	125.3	13
27.0:	106.3	.10	106.4	106.1	13
27.2:	87.2	.05	87.3	87.2	12
27.4:	68.2	.05	68.2	68.1	12

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1.45	.964	2.08	.34	3
25.6:	2.31	.247	2.66	1.90	13
25.8:	2.56	.213	2.90	2.20	13
26.0:	2.87	.227	3.14	2.39	13
26.2:	3.03	.233	3.36	2.61	13
26.4:	3.24	.251	3.57	2.85	13
26.6:	3.55	.254	3.92	3.12	13
26.8:	4.53	.415	5.12	3.64	13
27.0:	6.48	.441	7.23	5.39	13
27.2:	8.76	.492	9.79	7.81	12
27.4:	11.58	.413	12.36	10.55	12

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.53	.445	.84	.02	3
25.6:	1.08	.227	1.42	.77	13
25.8:	1.33	.221	1.70	.99	13
26.0:	1.61	.260	2.02	1.17	13
26.2:	1.87	.289	2.26	1.40	13
26.4:	2.16	.342	2.61	1.69	13
26.6:	2.62	.384	3.21	2.05	13
26.8:	4.58	.876	5.89	2.90	13
27.0:	10.75	1.411	13.36	7.40	13
27.2:	22.55	2.447	28.14	18.41	12
27.4:	45.13	2.707	50.26	38.79	12

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.527	1.2510	11.971	9.761	3
25.6:	9.569	.1709	9.930	9.287	12
25.8:	9.322	.1366	9.524	9.078	12
26.0:	9.068	.1421	9.265	8.815	12
26.2:	8.856	.1349	9.015	8.621	12
26.4:	8.634	.1509	8.814	8.397	12
26.6:	8.313	.1295	8.474	8.148	12
26.8:	7.357	.2197	7.637	6.968	12
27.0:	5.394	.2085	5.888	5.086	12
27.2:	3.100	.2498	3.468	2.524	12
27.4:	.282	.1964	.729	-.038	12

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	11.961	.3228	12.312	11.677	3
25.6:	11.741	.2473	12.175	11.208	12
25.8:	11.556	.2340	11.965	11.047	12
26.0:	11.354	.2227	11.740	10.870	12
26.2:	11.132	.2084	11.492	10.677	12
26.4:	10.888	.1936	11.222	10.459	12
26.6:	10.619	.1782	10.931	10.212	12
26.8:	10.278	.1537	10.578	9.928	12
27.0:	9.734	.1107	9.977	9.495	12
27.2:	8.862	.0663	9.012	8.732	12
27.4:	7.506	.0147	7.526	7.466	12

JANUARY

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1479	.6	1480	1479	3
25.6:	1476	1.2	1479	1475	13
25.8:	1474	1.7	1477	1472	13
26.0:	1473	2.2	1476	1469	13
26.2:	1473	1.8	1475	1470	13
26.4:	1473	1.1	1475	1472	13
26.6:	1473	1.1	1476	1472	13
26.8:	1472	1.2	1475	1471	13
27.0:	1472	.7	1473	1471	13
27.2:	1474	.8	1476	1473	12
27.4:	1477	.4	1478	1477	12

FEBRUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.84	.155	7.02	6.71	4
25.8:	6.08	.486	6.58	5.21	11
26.0:	5.91	.283	6.24	5.36	11
26.2:	5.76	.217	6.00	5.24	11
26.4:	5.62	.284	5.95	5.10	11
26.6:	5.52	.358	5.94	4.88	11
26.8:	4.87	.210	5.09	4.49	11
27.0:	4.08	.120	4.31	3.89	11
27.2:	3.62	.071	3.77	3.49	11
27.4:	3.02	.033	3.07	2.97	11

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	32.634	.0279	32.665	32.610	4
25.8:	32.772	.0798	32.865	32.631	11
26.0:	32.997	.0454	33.050	32.908	11
26.2:	33.227	.0346	33.266	33.149	11
26.4:	33.458	.0441	33.511	33.375	11
26.6:	33.693	.0530	33.755	33.601	11
26.8:	33.849	.0301	33.881	33.794	11
27.0:	33.994	.0163	34.023	33.968	11
27.2:	34.186	.0091	34.206	34.172	11
27.4:	34.366	.0046	34.373	34.360	11

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	63	41.9	100	9	4
25.8:	92	17.9	113	62	11
26.0:	106	16.2	127	75	11
26.2:	117	14.3	135	87	11
26.4:	129	14.5	146	99	11
26.6:	148	14.2	167	120	11
26.8:	225	18.2	257	195	11
27.0:	392	19.4	422	365	11
27.2:	615	24.8	649	564	11
27.4:	962	25.8	989	898	11

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	240.4	.56	240.9	239.7	4
25.8:	221.6	.17	221.8	221.3	11
26.0:	202.7	.13	202.9	202.5	11
26.2:	183.9	.17	184.1	183.5	11
26.4:	165.0	.14	165.2	164.7	11
26.6:	146.3	.15	146.5	146.0	11
26.8:	128.0	.21	128.3	127.7	11
27.0:	110.1	.18	110.4	109.9	11
27.2:	92.6	.17	92.8	92.2	11
27.4:	75.1	.15	75.3	74.8	11

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.84	.154	7.01	6.71	4
25.8:	6.07	.487	6.57	5.20	11
26.0:	5.90	.286	6.24	5.35	11
26.2:	5.75	.218	5.99	5.23	11
26.4:	5.61	.287	5.93	5.09	11
26.6:	5.50	.358	5.92	4.87	11
26.8:	4.86	.211	5.08	4.47	11
27.0:	4.05	.120	4.28	3.86	11
27.2:	3.58	.073	3.73	3.45	11
27.4:	2.95	.034	3.00	2.90	11

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	239.4	.18	239.6	239.2	4
25.8:	219.8	.61	220.5	218.8	11
26.0:	200.9	.42	201.5	200.1	11
26.2:	181.9	.52	182.4	181.0	11
26.4:	163.1	.36	163.5	162.6	11
26.6:	144.3	.08	144.5	144.2	11
26.8:	125.4	.05	125.5	125.3	11
27.0:	106.3	.13	106.4	106.1	11
27.2:	87.2	.07	87.3	87.1	11
27.4:	68.2	.05	68.2	68.1	11

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1.55	1.037	2.46	.22	4
25.8:	2.17	.407	2.66	1.49	11
26.0:	2.47	.371	2.93	1.75	11
26.2:	2.69	.331	3.08	1.99	11
26.4:	2.90	.321	3.22	2.21	11
26.6:	3.19	.311	3.57	2.53	11
26.8:	4.24	.375	4.81	3.55	11
27.0:	6.23	.373	6.80	5.73	11
27.2:	8.50	.417	9.10	7.78	11
27.4:	11.42	.394	11.96	10.55	11

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	.67	.602	1.27	.01	4
25.8:	1.06	.372	1.52	.47	11
26.0:	1.35	.386	1.90	.66	11
26.2:	1.60	.379	2.10	.85	11
26.4:	1.87	.405	2.30	1.06	11
26.6:	2.29	.441	2.86	1.42	11
26.8:	4.30	.712	5.52	3.07	11
27.0:	10.58	1.106	12.23	9.11	11
27.2:	22.28	1.864	24.92	18.71	11
27.4:	45.80	2.611	48.87	39.37	11

FEBRUARY

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	10.065	.7182	11.092	9.473	4
25.8:	9.456	.2546	9.936	9.015	11
26.0:	9.159	.2190	9.553	8.808	11
26.2:	8.938	.1876	9.317	8.635	11
26.4:	8.723	.1921	9.100	8.421	11
26.6:	8.432	.1833	8.779	8.171	11
26.8:	7.385	.1649	7.757	7.120	11
27.0:	5.395	.1447	5.585	5.141	11
27.2:	3.124	.1808	3.457	2.873	11
27.4:	.206	.1915	.688	.011	11

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	11.594	.3727	11.926	11.237	4
25.8:	11.512	.2239	11.830	11.113	11
26.0:	11.323	.1970	11.596	10.961	11
26.2:	11.111	.1756	11.346	10.779	11
26.4:	10.876	.1575	11.083	10.575	11
26.6:	10.618	.1423	10.814	10.346	11
26.8:	10.292	.1264	10.478	10.050	11
27.0:	9.746	.0989	9.885	9.527	11
27.2:	8.868	.0671	8.952	8.703	11
27.4:	7.510	.0185	7.533	7.466	11

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:		----- N/A -----			0
25.8:	6.76	----- N/A -----			1
26.0:	6.07	----- N/A -----			1
26.2:	5.68	----- N/A -----			1
26.4:	5.46	----- N/A -----			1
26.6:	4.90	----- N/A -----			1
26.8:	3.53	----- N/A -----			1
27.0:	1.84	----- N/A -----			1
27.2:	.85	----- N/A -----			1
27.4:	.50	----- N/A -----			1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1476	1.3	1478	1475	4
25.8:	1473	2.0	1476	1470	11
26.0:	1473	1.1	1475	1472	11
26.2:	1473	.8	1475	1472	11
26.4:	1473	1.0	1475	1472	11
26.6:	1473	1.4	1476	1471	11
26.8:	1472	1.1	1474	1471	11
27.0:	1472	.6	1473	1471	11
27.2:	1474	.5	1475	1474	11
27.4:	1477	.4	1478	1477	11

MARCH

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.93	.227	7.19	6.76	3
25.8:	6.17	.474	6.75	5.47	7
26.0:	5.98	.400	6.61	5.46	9
26.2:	5.89	.351	6.42	5.45	9
26.4:	5.83	.347	6.22	5.27	9
26.6:	5.72	.383	6.20	4.99	9
26.8:	4.85	.299	5.23	4.24	9
27.0:	4.09	.100	4.23	3.89	9
27.2:	3.68	.048	3.76	3.63	7
27.4:	3.02	.055	3.13	2.95	7

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	32.647	.0392	32.691	32.617	3
25.8:	32.786	.0749	32.878	32.670	7
26.0:	33.010	.0661	33.112	32.928	9
26.2:	33.251	.0558	33.336	33.182	9
26.4:	33.490	.0544	33.552	33.404	9
26.6:	33.724	.0582	33.798	33.615	9
26.8:	33.847	.0415	33.900	33.763	9
27.0:	33.996	.0138	34.016	33.968	9
27.2:	34.194	.0057	34.204	34.188	7
27.4:	34.367	.0064	34.379	34.359	7

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	45	30.4	71	13	3
25.8:	93	10.1	107	78	7
26.0:	108	12.0	128	90	9
26.2:	120	12.7	139	103	9
26.4:	133	13.7	159	119	9
26.6:	157	16.9	188	139	9
26.8:	238	24.4	280	205	9
27.0:	393	23.7	446	366	9
27.2:	615	29.5	671	574	7
27.4:	950	40.8	1028	902	7

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	240.2	.35	240.5	239.8	3
25.8:	221.6	.15	221.8	221.4	7
26.0:	202.8	.15	202.9	202.5	9
26.2:	183.9	.16	184.1	183.7	9
26.4:	165.2	.19	165.4	164.9	9
26.6:	146.5	.23	146.8	146.2	9
26.8:	128.1	.25	128.5	127.7	9
27.0:	110.1	.21	110.6	109.9	9
27.2:	92.6	.21	93.0	92.3	7
27.4:	75.1	.18	75.4	74.8	7

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.93	.232	7.19	6.75	3
25.8:	6.17	.471	6.74	5.47	7
26.0:	5.97	.400	6.60	5.45	9
26.2:	5.88	.350	6.41	5.44	9
26.4:	5.82	.349	6.21	5.25	9
26.6:	5.71	.382	6.19	4.98	9
26.8:	4.84	.300	5.21	4.22	9
27.0:	4.07	.100	4.20	3.86	9
27.2:	3.63	.047	3.71	3.58	7
27.4:	2.96	.055	3.06	2.88	7

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	239.5	.06	239.6	239.5	3
25.8:	219.9	.35	220.4	219.4	7
26.0:	200.8	.40	201.3	199.9	9
26.2:	181.6	.31	182.1	181.3	9
26.4:	163.1	.27	163.5	162.6	9
26.6:	144.3	.05	144.4	144.2	9
26.8:	125.4	.04	125.4	125.3	9
27.0:	106.3	.12	106.4	106.1	9
27.2:	87.2	.05	87.3	87.2	7
27.4:	68.2	.05	68.2	68.1	7

MARCH

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1.17	.748	1.83	.33	3
25.8:	2.20	.233	2.50	1.85	7
26.0:	2.50	.264	2.88	2.09	9
26.2:	2.73	.274	3.14	2.35	9
26.4:	2.94	.296	3.49	2.57	9
26.6:	3.32	.348	3.95	2.91	9
26.8:	4.43	.431	5.05	3.88	9
27.0:	6.29	.401	7.05	5.81	9
27.2:	8.49	.443	9.35	7.93	7
27.4:	11.31	.547	12.35	10.68	7

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	10.666	.9408	11.739	9.984	3
25.8:	9.510	.3330	10.003	9.114	5
26.0:	9.208	.1981	9.546	8.934	7
26.2:	8.987	.1867	9.324	8.771	7
26.4:	8.761	.1666	9.047	8.569	7
26.6:	8.411	.0940	8.538	8.288	7
26.8:	7.292	.1870	7.504	7.016	7
27.0:	5.376	.1928	5.551	5.021	7
27.2:	3.114	.2092	3.411	2.720	7
27.4:	.294	.3040	.655	-.284	7

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:	6.63	.113	6.71	6.55	2
26.2:	6.05	.092	6.12	5.99	2
26.4:	5.50	.113	5.58	5.42	2
26.6:	4.85	.042	4.88	4.82	2
26.8:	3.49	.085	3.55	3.43	2
27.0:	1.95	.099	2.02	1.88	2
27.2:	.84	.120	.93	.76	2
27.4:	.53	.092	.60	.47	2

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	.34	.125	.67	.02	3
25.8:	1.05	.220	1.38	.75	7
26.0:	1.39	.294	1.86	.95	9
26.2:	1.66	.342	2.19	1.21	9
26.4:	1.96	.403	2.72	1.54	9
26.6:	2.51	.526	3.52	1.97	9
26.8:	4.75	.946	6.28	3.58	9
27.0:	10.77	1.368	13.68	9.18	9
27.2:	22.31	2.303	26.81	19.35	7
27.4:	44.90	4.102	52.88	40.12	7

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	11.773	.2797	12.063	11.505	3
25.8:	11.492	.2923	11.957	11.224	5
26.0:	11.325	.2402	11.746	11.051	7
26.2:	11.117	.2308	11.549	10.855	7
26.4:	10.888	.2263	11.307	10.640	7
26.6:	10.631	.2104	11.038	10.409	7
26.8:	10.295	.1783	10.637	10.098	7
27.0:	9.739	.1310	9.992	9.576	7
27.2:	8.864	.0780	9.010	8.758	7
27.4:	7.501	.0221	7.539	7.465	7

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1476	.6	1477	1476	3
25.8:	1474	1.8	1477	1472	7
26.0:	1474	1.7	1477	1472	9
26.2:	1474	1.5	1476	1472	9
26.4:	1474	1.4	1476	1473	9
26.6:	1474	1.7	1477	1472	9
26.8:	1472	1.2	1474	1470	9
27.0:	1472	.5	1473	1472	9
27.2:	1474	.5	1475	1474	7
27.4:	1477	.8	1479	1477	7

APRIL

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	5.55	.121	5.71	5.37	6
26.0:	5.31	.259	5.52	4.78	9
26.2:	5.40	.267	5.66	4.88	9
26.4:	5.48	.417	6.08	4.90	9
26.6:	5.37	.580	6.21	4.57	9
26.8:	4.68	.359	5.23	4.23	9
27.0:	4.00	.122	4.12	3.80	7
27.2:	3.60	.086	3.69	3.50	5
27.4:	3.02	.059	3.09	2.94	5

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	81	39.2	113	17	6
26.0:	112	13.2	132	90	9
26.2:	127	9.4	141	114	9
26.4:	139	8.9	151	124	9
26.6:	160	12.5	178	144	9
26.8:	233	15.7	261	208	9
27.0:	389	17.1	411	364	7
27.2:	619	19.7	642	598	5
27.4:	970	43.8	1045	934	5

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	32.683	.0177	32.704	32.655	6
26.0:	32.908	.0401	32.944	32.824	9
26.2:	33.176	.0363	33.209	33.103	9
26.4:	33.436	.0614	33.525	33.350	9
26.6:	33.672	.0867	33.798	33.557	9
26.8:	33.822	.0502	33.900	33.760	9
27.0:	33.984	.0147	34.000	33.961	7
27.2:	34.184	.0115	34.197	34.171	5
27.4:	34.366	.0070	34.375	34.358	5

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	221.4	.38	221.7	220.8	6
26.0:	202.6	.12	202.8	202.4	9
26.2:	183.9	.10	184.0	183.7	9
26.4:	165.1	.15	165.4	165.0	9
26.6:	146.4	.20	146.8	146.1	9
26.8:	127.9	.33	128.5	127.5	9
27.0:	110.0	.25	110.3	109.7	7
27.2:	92.5	.24	92.8	92.2	5
27.4:	75.2	.22	75.5	74.9	5

APRIL

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	5.54	.121	5.70	5.36	6
26.0:	5.30	.253	5.51	4.77	9
26.2:	5.39	.262	5.65	4.87	9
26.4:	5.47	.417	6.07	4.89	9
26.6:	5.36	.580	6.19	4.56	9
26.8:	4.66	.357	5.21	4.21	9
27.0:	3.97	.119	4.09	3.78	7
27.2:	3.55	.089	3.65	3.45	5
27.4:	2.95	.059	3.02	2.87	5

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	220.3	.23	220.5	219.9	6
26.0:	200.8	.49	201.5	200.1	9
26.2:	181.7	.45	182.5	181.2	9
26.4:	163.2	.25	163.4	162.7	9
26.6:	144.3	.07	144.4	144.2	9
26.8:	125.4	.08	125.5	125.2	9
27.0:	106.3	.08	106.3	106.1	7
27.2:	87.3	.05	87.3	87.2	5
27.4:	68.1	.00	68.1	68.1	5

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	1.86	.916	2.66	.38	6
26.0:	2.50	.331	2.99	1.98	9
26.2:	2.79	.237	3.17	2.49	9
26.4:	3.01	.222	3.35	2.67	9
26.6:	3.34	.285	3.77	2.99	9
26.8:	4.33	.280	4.68	3.94	9
27.0:	6.17	.228	6.46	5.79	7
27.2:	8.50	.268	8.79	8.17	5
27.4:	11.44	.444	12.15	10.97	5

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	.92	.619	1.53	.07	6
26.0:	1.44	.355	2.00	.91	9
26.2:	1.79	.282	2.25	1.43	9
26.4:	2.09	.278	2.51	1.65	9
26.6:	2.60	.406	3.22	2.09	9
26.8:	4.62	.575	5.59	3.81	9
27.0:	10.50	.832	11.67	9.22	7
27.2:	22.60	1.473	24.13	20.90	5
27.4:	46.55	4.032	53.24	42.81	5

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	9.711	.6205	10.422	9.277	3
26.0:	9.144	.2426	9.407	8.760	5
26.2:	8.909	.2128	9.082	8.543	5
26.4:	8.674	.2093	8.880	8.352	5
26.6:	8.330	.2526	8.678	8.032	5
26.8:	7.337	.1740	7.477	7.069	5
27.0:	5.407	.1237	5.604	5.289	5
27.2:	3.093	.1280	3.224	2.956	5
27.4:	.150	.3339	.424	-.420	5

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	11.566	.0910	11.668	11.494	3
26.0:	11.402	.1445	11.622	11.262	5
26.2:	11.179	.1453	11.391	11.018	5
26.4:	10.937	.1461	11.135	10.755	5
26.6:	10.663	.1445	10.838	10.469	5
26.8:	10.316	.1334	10.447	10.129	5
27.0:	9.762	.1045	9.884	9.626	5
27.2:	8.877	.0722	8.968	8.784	5
27.4:	7.514	.0215	7.542	7.482	5

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	-----	N/A	-----		0
26.0:	-----	N/A	-----		0
26.2:	-----	N/A	-----		0
26.4:	-----	N/A	-----		0
26.6:	-----	N/A	-----		0
26.8:	-----	N/A	-----		0
27.0:	-----	N/A	-----		0
27.2:	-----	N/A	-----		0
27.4:	-----	N/A	-----		0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.8:	1471	.5	1472	1471	6
26.0:	1471	1.1	1472	1469	9
26.2:	1472	1.1	1473	1470	9
26.4:	1473	1.9	1476	1471	9
26.6:	1473	2.5	1477	1470	9
26.8:	1472	1.8	1475	1470	9
27.0:	1472	.9	1473	1471	7
27.2:	1474	.8	1475	1473	5
27.4:	1478	.7	1479	1477	5

MAY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.68	.007	7.69	7.68	2
25.6:	6.88	.381	7.55	6.35	16
25.8:	5.89	.429	6.70	5.32	21
26.0:	5.54	.527	6.42	4.94	21
26.2:	5.46	.453	6.25	4.88	21
26.4:	5.40	.393	6.21	4.79	21
26.6:	5.31	.391	6.11	4.70	21
26.8:	4.74	.300	5.23	3.97	21
27.0:	4.05	.134	4.26	3.74	20
27.2:	3.61	.080	3.73	3.43	16
27.4:	3.00	.070	3.12	2.87	16

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.537	.0028	32.539	32.536	2
25.6:	32.642	.0648	32.755	32.550	16
25.8:	32.736	.0660	32.869	32.651	21
26.0:	32.944	.0841	33.085	32.848	21
26.2:	33.184	.0688	33.319	33.097	21
26.4:	33.426	.0591	33.550	33.343	21
26.6:	33.662	.0580	33.782	33.571	21
26.8:	33.831	.0816	33.900	33.727	21
27.0:	33.991	.0174	34.022	33.952	20
27.2:	34.185	.0096	34.200	34.164	16
27.4:	34.365	.0083	34.374	34.350	16

MAY

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32	11.3	40	24	2
25.6:	52	24.8	101	3	16
25.8:	85	27.5	124	33	21
26.0:	111	13.4	134	87	21
26.2:	124	11.5	144	100	21
26.4:	136	11.1	156	113	21
26.6:	156	12.7	172	135	21
26.8:	222	22.6	255	170	21
27.0:	373	29.2	407	308	20
27.2:	604	42.1	654	528	16
27.4:	948	44.2	1029	851	16

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.68	.014	7.69	7.67	2
25.6:	6.87	.383	7.55	6.34	16
25.8:	5.88	.430	6.69	5.31	21
26.0:	5.53	.527	6.41	4.93	21
26.2:	5.45	.453	6.24	4.87	21
26.4:	5.39	.392	6.20	4.78	21
26.6:	5.30	.391	6.09	4.69	21
26.8:	4.72	.298	5.21	3.96	21
27.0:	4.02	.135	4.24	3.71	20
27.2:	3.56	.080	3.68	3.38	16
27.4:	2.94	.072	3.06	2.80	16

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.85	.304	1.07	.64	2
25.6:	1.32	.745	2.61	.08	16
25.8:	2.05	.702	3.08	.76	21
26.0:	2.64	.368	3.29	2.03	21
26.2:	2.88	.321	3.49	2.29	21
26.4:	3.09	.319	3.70	2.51	21
26.6:	3.39	.348	3.94	2.78	21
26.8:	4.29	.457	4.89	3.29	21
27.0:	6.09	.504	6.82	4.91	20
27.2:	8.40	.676	9.32	7.13	16
27.4:	11.27	.666	12.11	9.82	16

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:	10.463	.5114	11.392	9.612	12
25.8:	9.653	.4122	10.334	8.920	16
26.0:	9.053	.2239	9.460	8.785	16
26.2:	8.791	.2461	9.166	8.340	16
26.4:	8.577	.2385	8.946	8.128	16
26.6:	8.293	.2092	8.682	7.930	16
26.8:	7.364	.1818	7.630	7.102	16
27.0:	5.523	.1969	5.925	5.270	16
27.2:	3.187	.3054	3.740	2.789	16
27.4:	.314	.3255	1.022	-.297	16

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:	7.14	----- N/A -----			1
25.8:	7.19	.184	7.32	7.06	2
26.0:	6.65	.156	6.76	6.54	2
26.2:	6.07	.089	6.11	6.04	2
26.4:	5.54	.057	5.58	5.50	2
26.6:	4.67	.184	4.80	4.54	2
26.8:	3.22	.233	3.39	3.06	2
27.0:	1.46	.304	1.68	1.25	2
27.2:	.77	----- N/A -----			1
27.4:	.48	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.0	.21	259.2	258.9	2
25.6:	240.2	.34	240.8	239.6	16
25.8:	221.5	.31	222.0	220.9	21
26.0:	202.7	.19	203.0	202.4	21
26.2:	183.9	.13	184.1	183.6	21
26.4:	165.0	.14	165.3	164.8	21
26.6:	146.3	.20	146.7	145.9	21
26.8:	127.9	.32	128.3	127.2	21
27.0:	109.9	.31	110.3	109.3	20
27.2:	92.4	.34	92.9	91.8	16
27.4:	75.0	.24	75.3	74.6	16

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	257.5	.00	257.5	257.5	2
25.6:	239.3	.31	239.5	239.5	16
25.8:	220.2	.39	220.5	218.9	21
26.0:	200.8	.49	201.5	200.0	21
26.2:	181.8	.52	182.5	180.6	21
26.4:	163.0	.34	163.5	162.2	21
26.6:	144.3	.17	144.5	143.9	21
26.8:	125.4	.02	125.5	125.4	21
27.0:	106.3	.12	106.4	106.0	20
27.2:	87.2	.06	87.3	87.1	16
27.4:	68.2	.05	68.2	68.1	16

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.15	.099	.22	.08	2
25.6:	.46	.420	1.32	.00	16
25.8:	.97	.538	1.93	.13	21
26.0:	1.50	.376	2.22	.89	21
26.2:	1.79	.352	2.49	1.13	21
26.4:	2.08	.369	2.82	1.38	21
26.6:	2.53	.437	3.23	1.70	21
26.8:	4.30	.787	5.46	2.56	21
27.0:	9.79	1.446	11.61	6.53	20
27.2:	21.56	3.016	25.21	16.00	16
27.4:	44.37	4.393	51.92	34.88	16

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:		----- N/A -----			0
25.6:	11.650	.3122	12.070	10.838	12
25.8:	11.445	.3047	11.848	10.794	16
26.0:	11.242	.2730	11.600	10.668	16
26.2:	11.042	.2625	11.348	10.471	16
26.4:	10.801	.2527	11.093	10.250	16
26.6:	10.536	.2451	10.810	10.003	16
26.8:	10.208	.2216	10.431	9.727	16
27.0:	9.679	.1723	9.863	9.320	16
27.2:	8.829	.1113	8.959	8.598	16
27.4:	7.493	.0343	7.532	7.421	16

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1479	.0	1479	1479	2
25.6:	1476	1.4	1479	1474	16
25.8:	1473	2.0	1477	1471	21
26.0:	1472	2.1	1476	1470	21
26.2:	1472	1.9	1476	1470	21
26.4:	1472	1.7	1476	1470	21
26.6:	1472	1.7	1476	1470	21
26.8:	1472	1.4	1474	1469	21
27.0:	1471	.8	1473	1470	20
27.2:	1474	1.0	1475	1472	16
27.4:	1477	.8	1478	1476	16

JUNE

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.05	----- N/A -----			1
25.0:	10.25	.251	10.47	9.95	4
25.2:	9.10	.284	9.50	8.71	10
25.4:	8.23	.597	9.37	7.52	19
25.6:	6.99	.546	8.07	6.28	20
25.8:	5.89	.479	6.86	5.25	20
26.0:	5.49	.461	6.39	4.97	20
26.2:	5.46	.417	6.26	4.90	20
26.4:	5.48	.386	6.16	4.83	20
26.6:	5.43	.396	6.07	4.75	20
26.8:	4.83	.247	5.16	4.30	20
27.0:	4.10	.097	4.27	3.89	15
27.2:	3.62	.073	3.78	3.48	14
27.4:	3.01	.072	3.22	2.94	14

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	32.466	----- N/A -----			1
25.0:	32.529	.0488	32.570	32.475	4
25.2:	32.548	.0559	32.622	32.460	10
25.4:	32.633	.1123	32.850	32.505	19
25.6:	32.667	.0948	32.859	32.540	20
25.8:	32.739	.0762	32.894	32.639	20
26.0:	32.935	.0719	33.071	32.850	20
26.2:	33.184	.0663	33.313	33.093	20
26.4:	33.438	.0587	33.552	33.350	20
26.6:	33.680	.0600	33.779	33.585	20
26.8:	33.843	.0349	33.890	33.770	20
27.0:	33.996	.0128	34.023	33.969	15
27.2:	34.187	.0091	34.207	34.169	14
27.4:	34.366	.0083	34.390	34.351	14

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	6	----- N/A -----			1
25.0:	12	9.7	26	4	4
25.2:	25	7.6	38	13	10
25.4:	32	11.3	60	18	19
25.6:	53	17.8	93	26	20
25.8:	86	17.5	111	55	20
26.0:	111	9.1	130	95	20
26.2:	126	9.0	140	107	20
26.4:	139	10.4	157	116	20
26.6:	159	12.3	176	133	20
26.8:	235	15.7	266	192	20
27.0:	389	25.8	446	337	15
27.2:	615	44.9	711	536	14
27.4:	957	44.5	1040	863	14

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	315.8	----- N/A -----			1
25.0:	296.8	.17	297.1	296.7	4
25.2:	278.1	.12	278.2	277.8	10
25.4:	259.1	.14	259.4	258.9	19
25.6:	240.3	.22	240.8	239.9	20
25.8:	221.5	.18	221.8	221.2	20
26.0:	202.7	.13	202.9	202.4	20
26.2:	183.9	.10	184.1	183.7	20
26.4:	165.1	.13	165.3	164.8	20
26.6:	146.4	.15	146.7	146.0	20
26.8:	128.0	.19	128.3	127.5	20
27.0:	110.1	.24	110.6	109.5	15
27.2:	92.6	.27	93.0	92.0	14
27.4:	75.1	.20	75.5	74.8	14

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.05	----- N/A -----			1
25.0:	10.25	.251	10.47	9.95	4
25.2:	9.10	.287	9.50	8.71	10
25.4:	8.22	.598	9.37	7.51	19
25.6:	6.99	.547	8.07	6.28	20
25.8:	5.89	.478	6.86	5.25	20
26.0:	5.48	.461	6.38	4.96	20
26.2:	5.45	.417	6.25	4.89	20
26.4:	5.47	.386	6.15	4.82	20
26.6:	5.41	.394	6.05	4.74	20
26.8:	4.81	.247	5.14	4.28	20
27.0:	4.07	.095	4.24	3.86	15
27.2:	3.58	.075	3.74	3.43	14
27.4:	2.94	.075	3.16	2.87	14

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	313.9	----- N/A -----			1
25.0:	296.2	.62	296.6	295.3	4
25.2:	276.8	1.04	277.6	274.9	10
25.4:	258.1	.48	258.6	256.8	19
25.6:	238.9	.50	239.5	237.6	20
25.8:	220.2	.32	220.5	219.3	20
26.0:	200.9	.44	201.5	199.9	20
26.2:	181.9	.37	182.5	181.3	20
26.4:	163.0	.31	163.5	162.4	20
26.6:	144.3	.13	144.5	144.0	20
26.8:	125.4	.04	125.5	125.3	20
27.0:	106.3	.13	106.4	106.0	15
27.2:	87.2	.05	87.3	87.2	14
27.4:	68.2	.06	68.2	68.0	14

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.18	----- N/A -----			1
25.0:	.37	.308	.82	.13	4
25.2:	.76	.235	1.16	.36	10
25.4:	.91	.333	1.66	.50	19
25.6:	1.45	.496	2.53	.68	20
25.8:	2.21	.475	2.84	1.37	20
26.0:	2.74	.285	3.21	2.23	20
26.2:	3.03	.251	3.40	2.52	20
26.4:	3.26	.271	3.70	2.68	20
26.6:	3.56	.304	3.99	2.93	20
26.8:	4.59	.315	5.09	3.92	20
27.0:	6.44	.399	7.38	5.63	15
27.2:	8.71	.538	9.71	7.77	14
27.4:	11.59	.559	12.80	10.52	14

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.01	----- N/A -----			1
25.0:	.03	.051	.11	.00	4
25.2:	.11	.062	.22	.02	10
25.4:	.17	.130	.51	.05	19
25.6:	.43	.293	1.17	.09	20
25.8:	.97	.372	1.51	.37	20
26.0:	1.50	.265	2.01	1.04	20
26.2:	1.85	.267	2.27	1.30	20
26.4:	2.16	.314	2.71	1.49	20
26.6:	2.63	.395	3.21	1.81	20
26.8:	4.72	.595	5.91	3.31	20
27.0:	10.60	1.302	13.69	7.91	15
27.2:	22.42	3.059	28.61	17.16	14
27.4:	45.52	4.421	54.07	36.71	14

JUNE

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.889	----- N/A -----			1
25.0:	11.501	.3578	11.754	11.248	2
25.2:	11.133	.2933	11.484	10.585	7
25.4:	10.898	.3090	11.208	10.367	14
25.6:	10.309	.3811	10.875	9.720	14
25.8:	9.627	.3810	10.338	8.935	14
26.0:	9.127	.2521	9.499	8.705	14
26.2:	8.852	.2624	9.286	8.441	14
26.4:	8.628	.2714	9.081	8.259	14
26.6:	8.331	.2495	8.781	8.040	14
26.8:	7.304	.1748	7.537	6.964	14
27.0:	5.416	.1717	5.736	5.036	14
27.2:	3.120	.3167	3.669	2.441	14
27.4:	.245	.3296	.931	-.382	14

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.070	----- N/A -----			1
25.0:	12.006	.0354	12.031	11.981	2
25.2:	11.909	.3020	12.363	11.348	7
25.4:	11.766	.2426	12.282	11.295	14
25.6:	11.683	.2266	12.140	11.221	14
25.8:	11.549	.2093	11.947	11.116	14
26.0:	11.360	.2052	11.735	10.939	14
26.2:	11.139	.2044	11.505	10.719	14
26.4:	10.893	.2049	11.251	10.474	14
26.6:	10.622	.2050	10.972	10.211	14
26.8:	10.286	.1963	10.611	9.914	14
27.0:	9.736	.1710	10.010	9.406	14
27.2:	8.864	.1212	9.111	8.652	14
27.4:	7.503	.0247	7.544	7.458	14

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1491	----- N/A -----			1
25.0:	1488	1.0	1489	1487	4
25.2:	1484	1.1	1486	1483	10
25.4:	1481	2.2	1486	1479	19
25.6:	1476	2.2	1481	1474	20
25.8:	1473	2.0	1477	1470	20
26.0:	1472	1.9	1476	1470	20
26.2:	1472	1.7	1476	1470	20
26.4:	1473	1.7	1476	1470	20
26.6:	1473	1.7	1476	1470	20
26.8:	1472	1.1	1474	1471	20
27.0:	1472	.6	1473	1471	15
27.2:	1474	.5	1475	1473	14
27.4:	1477	.6	1479	1477	14

JULY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	13.52	----- N/A -----			1
24.8:	11.79	.658	12.55	11.36	3
25.0:	10.53	.785	11.50	9.99	5
25.2:	9.41	.608	10.39	8.86	5
25.4:	8.20	.620	9.23	7.71	5
25.6:	6.98	.629	8.01	6.47	5
25.8:	5.86	.570	6.77	5.20	5
26.0:	5.32	.706	6.19	4.43	5
26.2:	5.23	.656	6.15	4.48	5
26.4:	5.25	.621	6.20	4.61	5
26.6:	5.16	.703	6.27	4.52	5
26.8:	4.67	.499	5.36	4.00	5
27.0:	3.96	.262	4.22	3.66	4
27.2:	3.63	.093	3.69	3.52	3
27.4:	3.04	.041	3.06	3.02	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	32.793	----- N/A -----			1
24.8:	32.619	.1574	32.800	32.517	3
25.0:	32.595	.1235	32.806	32.503	5
25.2:	32.620	.1153	32.810	32.526	5
25.4:	32.644	.1104	32.820	32.546	5
25.6:	32.672	.1122	32.853	32.578	5
25.8:	32.734	.0913	32.883	32.633	5
26.0:	32.907	.1053	33.041	32.777	5
26.2:	33.152	.0977	33.294	33.040	5
26.4:	33.406	.0962	33.557	33.312	5
26.6:	33.641	.1059	33.811	33.547	5
26.8:	33.822	.0695	33.920	33.731	5
27.0:	33.979	.0327	34.013	33.944	4
27.2:	34.188	.0120	34.196	34.174	3
27.4:	34.369	.0027	34.371	34.367	3

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	18	----- N/A -----			1
24.8:	17	3.8	20	13	3
25.0:	22	5.0	31	18	5
25.2:	31	8.7	46	24	5
25.4:	39	12.1	59	26	5
25.6:	53	13.3	72	37	5
25.8:	85	16.9	103	64	5
26.0:	110	14.1	124	92	5
26.2:	125	15.6	144	106	5
26.4:	139	18.4	164	116	5
26.6:	162	20.3	188	136	5
26.8:	234	17.7	245	205	5
27.0:	398	21.3	419	369	4
27.2:	624	16.4	642	610	3
27.4:	984	36.8	1018	945	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	335.2	----- N/A -----			1
24.8:	316.1	.10	316.2	316.0	3
25.0:	297.1	.12	297.3	297.0	5
25.2:	278.1	.15	278.4	278.0	5
25.4:	259.2	.18	259.5	259.1	5
25.6:	240.2	.17	240.5	240.1	5
25.8:	221.5	.13	221.7	221.4	5
26.0:	202.6	.11	202.8	202.5	5
26.2:	183.8	.12	184.0	183.7	5
26.4:	165.0	.15	165.2	164.8	5
26.6:	146.3	.19	146.5	146.0	5
26.8:	128.0	.44	128.5	127.3	5
27.0:	110.0	.44	110.5	109.5	4
27.2:	92.6	.25	92.9	92.4	3
27.4:	75.3	.21	75.5	75.1	3

JULY

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	13.52	----- N/A -----			1
24.8:	11.79	.658	12.55	11.36	3
25.0:	10.52	.589	11.50	9.98	5
25.2:	9.41	.608	10.39	8.86	5
25.4:	8.20	.616	9.22	7.71	5
25.6:	6.97	.627	8.00	6.47	5
25.8:	5.85	.572	6.77	5.20	5
26.0:	5.31	.707	6.18	4.42	5
26.2:	5.21	.659	6.14	4.46	5
26.4:	5.24	.621	6.19	4.60	5
26.6:	5.15	.702	6.26	4.51	5
26.8:	4.66	.496	5.34	3.99	5
27.0:	3.93	.258	4.19	3.64	4
27.2:	3.58	.095	3.64	3.47	3
27.4:	2.97	.021	2.99	2.95	3

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	334.4	----- N/A -----			1
24.8:	315.6	.15	315.7	315.4	3
25.0:	295.8	1.40	296.6	293.3	5
25.2:	276.3	.94	277.5	275.0	5
25.4:	256.8	1.17	258.5	255.3	5
25.6:	238.4	.63	239.0	237.4	5
25.8:	220.1	.32	220.4	219.7	5
26.0:	201.2	.28	201.5	200.9	5
26.2:	181.7	.37	182.1	181.3	5
26.4:	163.0	.35	163.3	162.4	5
26.6:	144.3	.08	144.4	144.2	5
26.8:	125.4	.04	125.5	125.4	5
27.0:	106.2	.13	106.4	106.1	4
27.2:	87.2	.06	87.3	87.2	3
27.4:	68.1	.06	68.2	68.1	3

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	.64	----- N/A -----			1
24.8:	.58	.139	.67	.42	3
25.0:	.73	.168	.99	.55	5
25.2:	.98	.261	1.43	.80	5
25.4:	1.20	.343	1.77	.86	5
25.6:	1.55	.371	2.10	1.13	5
25.8:	2.28	.438	2.80	1.76	5
26.0:	2.81	.343	3.12	2.35	5
26.2:	3.11	.351	3.39	2.63	5
26.4:	3.35	.394	3.75	2.80	5
26.6:	3.70	.422	4.12	3.17	5
26.8:	4.70	.326	5.02	4.18	5
27.0:	6.62	.348	6.97	6.14	4
27.2:	8.99	.053	9.05	8.95	3
27.4:	12.03	.239	12.30	11.86	3

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	.06	----- N/A -----			1
24.8:	.06	.023	.07	.03	3
25.0:	.09	.043	.16	.05	5
25.2:	.16	.096	.33	.09	5
25.4:	.25	.157	.52	.11	5
25.6:	.42	.266	.74	.20	5
25.8:	.95	.366	1.37	.52	5
26.0:	1.48	.368	1.84	.99	5
26.2:	1.84	.432	2.29	1.28	5
26.4:	2.18	.548	2.87	1.47	5
26.6:	2.73	.657	3.54	1.88	5
26.8:	4.74	.635	5.25	3.66	5
27.0:	10.98	1.115	11.83	9.38	4
27.2:	23.16	.932	24.21	22.44	3
27.4:	48.14	3.061	50.81	44.80	3

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	11.292	----- N/A -----			1
24.8:	11.404	.2107	11.553	11.255	2
25.0:	11.312	.1949	11.537	11.189	3
25.2:	11.004	.1964	11.130	10.778	3
25.4:	10.796	.3290	11.064	10.429	3
25.6:	10.479	.3486	10.800	10.108	3
25.8:	9.670	.4327	10.169	9.398	3
26.0:	9.218	.3177	9.577	8.973	3
26.2:	8.969	.2843	9.295	8.771	3
26.4:	8.769	.3066	9.123	8.589	3
26.6:	8.409	.3474	8.810	8.198	3
26.8:	7.274	.0759	7.318	7.186	3
27.0:	5.287	.0866	5.387	5.235	3
27.2:	3.081	.1108	3.156	2.954	3
27.4:	.043	.2796	.340	-.215	3

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	11.909	----- N/A -----			1
24.8:	12.037	.2326	12.202	11.873	2
25.0:	12.019	.1645	12.149	11.834	3
25.2:	11.962	.1506	12.075	11.791	3
25.4:	11.889	.1764	11.974	11.744	3
25.6:	11.800	.0976	11.864	11.668	3
25.8:	11.668	.0638	11.720	11.597	3
26.0:	11.475	.0264	11.498	11.446	3
26.2:	11.251	.0047	11.255	11.246	3
26.4:	11.008	.0321	11.045	10.988	3
26.6:	10.791	.0659	10.817	10.700	3
26.8:	10.387	.0847	10.485	10.334	3
27.0:	9.819	.0745	9.901	9.755	3
27.2:	8.912	.0580	8.969	8.853	3
27.4:	7.530	.0714	7.549	7.507	3

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	1500	----- N/A -----			1
24.8:	1494	2.6	1497	1492	3
25.0:	1489	2.1	1493	1488	5
25.2:	1485	2.3	1489	1483	5
25.4:	1481	2.4	1485	1479	5
25.6:	1477	2.4	1481	1475	5
25.8:	1472	2.2	1476	1470	5
26.0:	1471	2.9	1475	1468	5
26.2:	1471	2.4	1475	1469	5
26.4:	1472	2.4	1476	1470	5
26.6:	1472	2.8	1477	1470	5
26.8:	1472	2.2	1475	1469	5
27.0:	1471	1.5	1473	1470	4
27.2:	1474	.6	1475	1474	3
27.4:	1478	.6	1479	1478	3

AUGUST

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.07	.211	14.31	13.98	3
24.4:	13.27	.355	13.73	12.75	6
24.6:	12.44	.399	13.04	11.82	13
24.8:	11.40	.339	12.01	10.85	16
25.0:	10.26	.386	10.86	9.55	16
25.2:	9.09	.390	9.64	8.38	16
25.4:	7.95	.397	8.64	7.27	16
25.6:	6.87	.269	7.45	6.51	16
25.8:	5.92	.293	6.56	5.36	16
26.0:	5.51	.381	6.29	4.79	16
26.2:	5.46	.321	6.02	4.97	16
26.4:	5.45	.320	6.02	5.00	16
26.6:	5.40	.439	6.10	4.62	16
26.8:	4.71	.309	5.26	4.08	16
27.0:	4.03	.157	4.35	3.72	15
27.2:	3.62	.056	3.69	3.53	10
27.4:	3.01	.030	3.06	2.97	10

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	32.442	.0608	32.512	32.400	3
24.4:	32.496	.0662	32.583	32.400	6
24.6:	32.528	.0842	32.670	32.400	13
24.8:	32.537	.0771	32.670	32.400	16
25.0:	32.553	.0773	32.670	32.409	16
25.2:	32.572	.0803	32.676	32.417	16
25.4:	32.596	.0773	32.703	32.450	16
25.6:	32.645	.0463	32.737	32.578	16
25.8:	32.743	.0480	32.857	32.654	16
26.0:	32.933	.0587	33.060	32.825	16
26.2:	33.182	.0485	33.270	33.108	16
26.4:	33.431	.0484	33.515	33.364	16
26.6:	33.677	.0655	33.783	33.560	16
26.8:	33.826	.0432	33.910	33.741	16
27.0:	33.987	.0211	34.032	33.946	15
27.2:	34.186	.0072	34.195	34.176	10
27.4:	34.366	.0042	34.373	34.361	10

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	9	2.3	11	7	3
24.4:	17	2.9	20	13	6
24.6:	21	2.9	25	16	13
24.8:	25	6.5	35	6	16
25.0:	32	5.5	41	21	16
25.2:	39	6.3	50	25	16
25.4:	49	11.1	75	26	16
25.6:	66	15.2	97	38	16
25.8:	92	13.4	109	66	16
26.0:	115	8.3	127	102	16
26.2:	128	8.0	140	113	16
26.4:	141	8.4	156	123	16
26.6:	162	9.6	177	141	16
26.8:	233	18.7	260	191	16
27.0:	393	24.1	428	353	15
27.2:	622	24.7	652	574	10
27.4:	966	28.4	1012	917	10

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	373.1	.06	373.1	373.0	3
24.4:	354.1	.16	354.3	353.9	6
24.6:	335.2	.13	335.3	334.8	13
24.8:	316.2	.15	316.4	315.8	16
25.0:	297.2	.09	297.4	297.0	16
25.2:	278.2	.15	278.5	277.9	16
25.4:	259.1	.20	259.7	259.0	16
25.6:	240.4	.21	240.8	240.0	16
25.8:	221.6	.18	221.9	221.3	16
26.0:	202.7	.15	203.0	202.5	16
26.2:	183.9	.13	184.2	183.7	16
26.4:	165.1	.15	165.5	164.9	16
26.6:	146.4	.23	146.8	146.0	16
26.8:	128.0	.31	128.6	127.4	16
27.0:	110.1	.31	110.7	109.4	15
27.2:	92.6	.26	92.9	92.1	10
27.4:	75.1	.19	75.5	74.8	10

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.07	.211	14.31	13.98	3
24.4:	13.27	.352	13.72	12.75	6
24.6:	12.43	.400	13.04	11.82	13
24.8:	11.40	.339	12.01	10.85	16
25.0:	10.26	.384	10.86	9.55	16
25.2:	9.08	.390	9.64	8.38	16
25.4:	7.95	.395	8.63	7.27	16
25.6:	6.86	.266	7.44	6.51	16
25.8:	5.91	.293	6.55	5.35	16
26.0:	5.50	.381	6.28	4.78	16
26.2:	5.45	.320	6.01	4.96	16
26.4:	5.43	.321	6.01	4.99	16
26.6:	5.39	.441	6.09	4.60	16
26.8:	4.69	.305	5.26	4.07	16
27.0:	4.00	.157	4.32	3.69	15
27.2:	3.57	.054	3.64	3.48	10
27.4:	2.95	.030	3.01	2.91	10

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	370.8	.55	371.4	370.4	3
24.4:	351.4	3.12	353.7	346.4	6
24.6:	333.6	2.39	338.4	327.6	13
24.8:	314.6	1.30	315.6	311.4	16
25.0:	294.5	2.03	296.6	291.0	16
25.2:	274.8	1.77	277.5	270.1	16
25.4:	256.9	1.79	258.5	252.9	16
25.6:	238.8	.65	239.5	237.2	16
25.8:	220.1	.39	220.5	219.2	16
26.0:	201.1	.33	201.5	200.4	16
26.2:	182.0	.40	182.4	181.4	16
26.4:	163.1	.24	163.5	162.7	16
26.6:	144.3	.09	144.4	144.1	16
26.8:	125.4	.04	125.5	125.3	16
27.0:	106.3	.09	106.4	106.1	15
27.2:	87.2	.08	87.3	87.1	10
27.4:	68.1	.05	68.2	68.1	10

AUGUST

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	.36	.087	.41	.26	3
24.4:	.63	.086	.72	.51	6
24.6:	.76	.098	.87	.59	13
24.8:	.88	.232	1.20	.18	16
25.0:	1.09	.168	1.37	.78	16
25.2:	1.30	.186	1.56	.87	16
25.4:	1.58	.315	2.31	.95	16
25.6:	1.99	.413	2.86	1.20	16
25.8:	2.59	.365	3.14	1.93	16
26.0:	3.08	.217	3.45	2.77	16
26.2:	3.33	.189	3.63	3.02	16
26.4:	3.57	.185	3.85	3.20	16
26.6:	3.89	.203	4.25	3.48	16
26.8:	4.86	.340	5.46	4.14	16
27.0:	6.78	.382	7.48	6.23	15
27.2:	9.13	.387	9.76	8.37	10
27.4:	12.02	.415	12.80	11.38	10

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	12.374	----- N/A -----			1
24.4:	11.789	.2171	11.943	11.636	2
24.6:	11.450	.2182	11.756	11.111	7
24.8:	11.362	.3218	11.968	10.936	10
25.0:	11.112	.2350	11.391	10.750	10
25.2:	10.866	.2448	11.145	10.494	10
25.4:	10.526	.2640	10.867	10.048	10
25.6:	10.065	.3076	10.530	9.580	10
25.8:	9.516	.2537	10.127	9.187	10
26.0:	9.128	.1722	9.342	8.748	10
26.2:	8.875	.1356	9.029	8.557	10
26.4:	8.646	.1065	8.779	8.404	10
26.6:	8.312	.0828	8.418	8.142	10
26.8:	7.236	.0898	7.392	7.134	10
27.0:	5.327	.1509	5.558	5.153	10
27.2:	3.075	.1771	3.435	2.866	10
27.4:	.182	.2122	.544	-.166	10

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:		----- N/A -----			0
24.4:		----- N/A -----			0
24.6:	6.48	----- N/A -----			1
24.8:	6.75	----- N/A -----			1
25.0:	6.94	----- N/A -----			1
25.2:	7.11	----- N/A -----			1
25.4:	7.25	----- N/A -----			1
25.6:	7.16	----- N/A -----			1
25.8:	6.82	----- N/A -----			1
26.0:	6.29	----- N/A -----			1
26.2:	5.69	----- N/A -----			1
26.4:	5.06	----- N/A -----			1
26.6:	4.36	----- N/A -----			1
26.8:	3.18	----- N/A -----			1
27.0:	1.53	----- N/A -----			1
27.2:	.68	----- N/A -----			1
27.4:	.52	----- N/A -----			1

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	.02	.006	.02	.01	3
24.4:	.05	.015	.07	.03	6
24.6:	.08	.021	.11	.05	13
24.8:	.12	.050	.22	.01	16
25.0:	.18	.058	.29	.08	16
25.2:	.26	.076	.39	.10	16
25.4:	.40	.167	.82	.13	16
25.6:	.66	.277	1.31	.21	16
25.8:	1.14	.313	1.61	.58	16
26.0:	1.65	.235	2.03	1.28	16
26.2:	1.96	.227	2.27	1.57	16
26.4:	2.29	.246	2.69	1.78	16
26.6:	2.79	.299	3.27	2.17	16
26.8:	4.77	.680	5.86	3.34	16
27.0:	10.90	1.285	12.94	8.87	15
27.2:	23.06	1.892	25.58	19.40	10
27.4:	46.53	2.967	51.36	41.67	10

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	12.628	----- N/A -----			1
24.4:	12.491	.2284	12.603	12.280	2
24.6:	12.178	.2441	12.561	11.784	7
24.8:	12.147	.2098	12.511	11.744	10
25.0:	12.091	.2081	12.452	11.700	10
25.2:	12.021	.2068	12.376	11.635	10
25.4:	11.934	.2075	12.288	11.545	10
25.6:	11.816	.2017	12.124	11.422	10
25.8:	11.657	.1962	11.925	11.264	10
26.0:	11.457	.1899	11.708	11.083	10
26.2:	11.228	.1818	11.471	10.874	10
26.4:	10.976	.1699	11.207	10.656	10
26.6:	10.696	.1576	10.919	10.405	10
26.8:	10.344	.1395	10.538	10.091	10
27.0:	9.778	.1119	9.928	9.589	10
27.2:	8.885	.0739	8.977	8.760	10
27.4:	7.512	.0204	7.545	7.478	10

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	1501	.6	1502	1501	3
24.4:	1499	1.5	1501	1497	6
24.6:	1496	1.4	1498	1494	13
24.8:	1492	1.3	1495	1491	16
25.0:	1488	1.5	1491	1486	16
25.2:	1484	1.6	1487	1482	16
25.4:	1480	1.5	1483	1478	16
25.6:	1476	1.3	1479	1475	16
25.8:	1473	1.4	1476	1470	16
26.0:	1472	1.7	1476	1469	16
26.2:	1472	1.4	1475	1470	16
26.4:	1473	1.5	1476	1471	16
26.6:	1473	2.1	1477	1470	16
26.8:	1472	1.5	1475	1469	16
27.0:	1472	1.0	1474	1470	15
27.2:	1474	.7	1475	1473	10
27.4:	1477	.6	1479	1477	10

SEPTEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.14	.302	14.34	13.61	5
24.4:	13.23	.285	13.75	12.62	10
24.6:	12.22	.379	12.87	11.53	13
24.8:	11.16	.407	11.90	10.54	13
25.0:	10.20	.501	11.36	9.62	13
25.2:	9.30	.568	10.68	8.58	13
25.4:	8.23	.608	9.60	7.54	13
25.6:	7.11	.608	8.54	6.48	13
25.8:	6.24	.579	7.34	5.27	13
26.0:	5.82	.609	6.71	4.37	13
26.2:	5.73	.522	6.62	4.80	13
26.4:	5.70	.467	6.61	5.05	13
26.6:	5.64	.469	6.38	4.75	13
26.8:	4.82	.402	5.50	4.06	13
27.0:	4.05	.110	4.27	3.89	11
27.2:	3.57	.061	3.66	3.49	12
27.4:	2.97	.080	3.11	2.83	11

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	32.440	.0807	32.488	32.296	5
24.4:	32.480	.0756	32.590	32.302	10
24.6:	32.523	.0905	32.709	32.346	13
24.8:	32.569	.0983	32.766	32.387	13
25.0:	32.582	.1167	32.819	32.429	13
25.2:	32.619	.1254	32.875	32.466	13
25.4:	32.647	.1264	32.912	32.510	13
25.6:	32.688	.1111	32.954	32.578	13
25.8:	32.795	.0950	32.976	32.642	13
26.0:	32.985	.0918	33.123	32.770	13
26.2:	33.227	.0835	33.374	33.090	13
26.4:	33.471	.0757	33.622	33.372	13
26.6:	33.712	.0724	33.830	33.579	13
26.8:	33.842	.0564	33.940	33.739	13
27.0:	33.990	.0146	34.018	33.968	11
27.2:	34.181	.0080	34.195	34.170	12
27.4:	34.361	.0092	34.377	34.346	11

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	16	11.0	30	4	5
24.4:	28	5.7	34	18	10
24.6:	31	5.0	38	22	13
24.8:	34	5.9	41	24	13
25.0:	38	6.9	45	26	13
25.2:	42	7.2	49	28	13
25.4:	51	11.6	66	30	13
25.6:	68	17.0	100	46	13
25.8:	94	11.3	113	77	13
26.0:	111	11.1	128	96	13
26.2:	123	12.0	138	106	13
26.4:	137	13.5	154	117	13
26.6:	159	13.3	176	138	13
26.8:	249	14.1	274	219	13
27.0:	405	18.7	432	374	11
27.2:	639	29.4	694	590	12
27.4:	999	36.3	1080	941	11

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	373.3	.27	373.6	373.0	5
24.4:	354.4	.11	354.6	354.2	10
24.6:	335.2	.12	335.4	335.0	13
24.8:	316.1	.16	316.3	315.9	13
25.0:	297.1	.18	297.3	296.8	13
25.2:	278.2	.22	278.5	277.8	13
25.4:	259.3	.18	259.6	259.0	13
25.6:	240.5	.19	240.8	240.2	13
25.8:	221.7	.13	221.8	221.4	13
26.0:	202.8	.15	203.0	202.5	13
26.2:	183.9	.09	184.1	183.8	13
26.4:	165.1	.09	165.3	165.0	13
26.6:	146.5	.13	146.8	146.3	13
26.8:	128.2	.30	128.6	127.6	13
27.0:	110.2	.23	110.5	109.9	11
27.2:	92.7	.23	93.0	92.3	12
27.4:	75.3	.08	75.4	75.2	11

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.14	.300	14.33	13.61	5
24.4:	13.23	.288	13.75	12.61	10
24.6:	12.21	.377	12.86	11.53	13
24.8:	11.16	.406	11.89	10.53	13
25.0:	10.19	.501	11.36	9.62	13
25.2:	9.30	.570	10.68	8.57	13
25.4:	8.22	.609	9.60	7.53	13
25.6:	7.10	.617	8.54	6.47	13
25.8:	6.23	.579	7.33	5.27	13
26.0:	5.81	.609	6.70	4.36	13
26.2:	5.72	.522	6.61	4.79	13
26.4:	5.69	.469	6.60	5.04	13
26.6:	5.63	.469	6.37	4.74	13
26.8:	4.80	.400	5.48	4.05	13
27.0:	4.02	.108	4.23	3.86	11
27.2:	3.52	.062	3.63	3.44	12
27.4:	2.90	.085	3.04	2.75	11

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	372.4	.76	372.8	371.0	5
24.4:	351.8	2.17	353.7	347.1	10
24.6:	330.0	3.32	334.6	325.5	13
24.8:	309.7	3.78	315.6	305.0	13
25.0:	291.4	3.25	296.3	285.5	13
25.2:	274.7	2.77	277.5	268.0	13
25.4:	256.9	1.60	258.5	252.4	13
25.6:	238.8	.49	239.5	238.0	13
25.8:	220.0	.48	220.5	218.7	13
26.0:	200.9	.42	201.5	200.1	13
26.2:	181.7	.42	182.4	180.9	13
26.4:	163.1	.32	163.4	162.5	13
26.6:	144.3	.07	144.4	144.2	13
26.8:	125.4	.07	125.4	125.2	13
27.0:	106.3	.10	106.4	106.1	11
27.2:	87.2	.08	87.3	87.1	12
27.4:	68.1	.07	68.2	68.0	11

SEPTEMBER

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	.61	.427	1.15	.15	5
24.4:	1.06	.194	1.29	.68	10
24.6:	1.16	.186	1.42	.81	13
24.8:	1.26	.216	1.54	.88	13
25.0:	1.36	.239	1.66	.95	13
25.2:	1.48	.250	1.77	1.00	13
25.4:	1.72	.366	2.16	1.04	13
25.6:	2.14	.494	2.98	1.44	13
25.8:	2.74	.356	3.30	2.13	13
26.0:	3.12	.305	3.61	2.55	13
26.2:	3.35	.312	3.80	2.77	13
26.4:	3.58	.338	4.03	2.93	13
26.6:	3.94	.332	4.43	3.31	13
26.8:	5.15	.252	5.60	4.77	13
27.0:	7.02	.306	7.60	6.63	11
27.2:	9.41	.395	10.03	8.91	12
27.4:	12.42	.395	13.28	11.85	11

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	.07	.079	.18	.00	5
24.4:	.16	.052	.22	.06	10
24.6:	.19	.055	.27	.09	13
24.8:	.23	.072	.32	.11	13
25.0:	.27	.086	.37	.12	13
25.2:	.32	.097	.42	.14	13
25.4:	.45	.176	.67	.15	13
25.6:	.72	.329	1.39	.31	13
25.8:	1.21	.296	1.74	.76	13
26.0:	1.60	.304	2.12	1.13	13
26.2:	1.89	.347	2.38	1.36	13
26.4:	2.20	.405	2.65	1.54	13
26.6:	2.73	.446	3.30	2.03	13
26.8:	5.27	.484	6.17	4.52	13
27.0:	11.52	.934	12.98	10.09	11
27.2:	24.29	2.060	28.02	20.91	12
27.4:	49.53	3.392	57.45	44.05	11

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	11.866	.4788	12.437	11.389	4
24.4:	11.281	.1378	11.423	11.060	9
24.6:	11.162	.1401	11.386	10.950	11
24.8:	11.067	.1419	11.334	10.847	11
25.0:	10.969	.1346	11.220	10.751	11
25.2:	10.847	.1197	11.009	10.661	11
25.4:	10.598	.2071	10.901	10.283	11
25.6:	10.153	.3766	10.724	9.369	11
25.8:	9.600	.2250	9.821	9.053	11
26.0:	9.253	.2144	9.451	8.745	11
26.2:	9.030	.2173	9.283	8.550	11
26.4:	8.805	.2208	9.118	8.376	11
26.6:	8.453	.2182	8.784	8.036	11
26.8:	7.175	.1508	7.408	6.912	11
27.0:	5.329	.1606	5.528	5.044	11
27.2:	2.957	.2229	3.331	2.553	12
27.4:	-.069	.2790	.371	-.696	11

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	12.502	.1630	12.687	12.334	4
24.4:	12.344	.2123	12.625	11.928	9
24.6:	12.262	.1967	12.556	11.875	11
24.8:	12.197	.1902	12.481	11.824	11
25.0:	12.126	.1826	12.399	11.772	11
25.2:	12.049	.1743	12.311	11.719	11
25.4:	11.961	.1633	12.205	11.664	11
25.6:	11.850	.1415	12.067	11.633	11
25.8:	11.696	.1298	11.888	11.514	11
26.0:	11.500	.1186	11.681	11.350	11
26.2:	11.280	.1124	11.453	11.102	11
26.4:	11.038	.1072	11.197	10.831	11
26.6:	10.768	.1048	10.941	10.533	11
26.8:	10.410	.1006	10.595	10.181	11
27.0:	9.830	.0841	10.007	9.667	11
27.2:	8.939	.0674	9.066	8.825	12
27.4:	7.521	.0060	7.536	7.515	11

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	6.31	-----	N/A	-----	1
24.4:	6.43	-----	N/A	-----	1
24.6:	6.52	-----	N/A	-----	1
24.8:	6.61	-----	N/A	-----	1
25.0:	6.68	-----	N/A	-----	1
25.2:	6.76	-----	N/A	-----	1
25.4:	6.82	-----	N/A	-----	1
25.6:	6.71	-----	N/A	-----	1
25.8:	6.30	-----	N/A	-----	1
26.0:	5.77	-----	N/A	-----	1
26.2:	5.07	-----	N/A	-----	1
26.4:	4.46	-----	N/A	-----	1
26.6:	3.88	-----	N/A	-----	1
26.8:	2.85	-----	N/A	-----	1
27.0:	1.40	-----	N/A	-----	1
27.2:	.78	-----	N/A	-----	1
27.4:	.54	-----	N/A	-----	1

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	1501	1.1	1503	1500	5
24.4:	1499	1.1	1501	1497	10
24.6:	1495	1.4	1498	1493	13
24.8:	1492	1.6	1495	1490	13
25.0:	1488	2.1	1493	1486	13
25.2:	1485	2.4	1491	1482	13
25.4:	1481	2.4	1487	1479	13
25.6:	1477	2.4	1483	1475	13
25.8:	1474	2.5	1479	1470	13
26.0:	1473	2.6	1477	1467	13
26.2:	1473	2.2	1477	1470	13
26.4:	1474	1.8	1478	1472	13
26.6:	1474	1.8	1477	1471	13
26.8:	1472	1.8	1476	1469	13
27.0:	1472	.5	1473	1472	11
27.2:	1474	.5	1475	1474	12
27.4:	1478	.3	1479	1478	11

OCTOBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.00	----- N/A -----			1
25.0:	10.41	.381	10.85	10.15	3
25.2:	9.37	.448	9.87	9.01	3
25.4:	8.43	.347	8.86	8.08	3
25.6:	7.20	.368	7.59	6.86	3
25.8:	6.32	.216	6.50	6.08	3
26.0:	5.97	.311	6.33	5.76	3
26.2:	5.81	.387	6.23	5.47	3
26.4:	5.79	.427	6.28	5.48	3
26.6:	5.81	.387	6.25	5.54	3
26.8:	4.97	.167	5.16	4.84	3
27.0:	4.05	.000	4.05	4.05	3
27.2:	3.61	.036	3.64	3.57	3
27.4:	3.01	.079	3.08	2.94	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	32.664	----- N/A -----			1
25.0:	32.571	.1067	32.694	32.500	3
25.2:	32.619	.0864	32.714	32.545	3
25.4:	32.682	.0678	32.756	32.623	3
25.6:	32.709	.0799	32.797	32.641	3
25.8:	32.808	.0368	32.830	32.766	3
26.0:	33.006	.0560	33.070	32.968	3
26.2:	33.234	.0577	33.294	33.179	3
26.4:	33.485	.0715	33.566	33.432	3
26.6:	33.738	.0602	33.807	33.696	3
26.8:	33.863	.0236	33.890	33.845	3
27.0:	33.990	.0000	33.991	33.989	3
27.2:	34.186	.0043	34.191	34.182	3
27.4:	34.366	.0080	34.373	34.358	3

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	19	----- N/A -----			1
25.0:	44	5.5	50	39	3
25.2:	52	5.9	57	46	3
25.4:	60	8.1	65	51	3
25.6:	74	11.2	84	62	3
25.8:	88	14.0	102	74	3
26.0:	102	14.5	117	88	3
26.2:	114	16.3	132	100	3
26.4:	126	18.0	147	113	3
26.6:	147	15.5	165	135	3
26.8:	238	18.4	251	217	3
27.0:	400	42.2	440	356	3
27.2:	615	36.7	643	574	3
27.4:	970	71.7	1033	892	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	316.1	----- N/A -----			1
25.0:	297.5	.10	297.6	297.4	3
25.2:	278.5	.00	278.5	278.5	3
25.4:	259.5	.06	259.6	259.5	3
25.6:	240.6	.15	240.7	240.4	3
25.8:	221.6	.10	221.7	221.5	3
26.0:	202.7	.15	202.9	202.6	3
26.2:	183.9	.12	184.0	183.8	3
26.4:	165.1	.12	165.2	165.0	3
26.6:	146.4	.15	146.6	146.3	3
26.8:	128.2	.25	128.4	127.9	3
27.0:	110.2	.35	110.5	109.8	3
27.2:	92.5	.29	92.7	92.2	3
27.4:	75.2	.26	75.4	74.9	3

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.99	----- N/A -----			1
25.0:	10.41	.379	10.84	10.14	3
25.2:	9.37	.448	9.87	9.01	3
25.4:	8.42	.403	8.86	8.07	3
25.6:	7.19	.368	7.58	6.85	3
25.8:	6.32	.215	6.50	6.08	3
26.0:	5.97	.307	6.32	5.76	3
26.2:	5.80	.387	6.22	5.46	3
26.4:	5.78	.427	6.27	5.47	3
26.6:	5.80	.376	6.23	5.53	3
26.8:	4.96	.163	5.14	4.83	3
27.0:	4.02	.006	4.03	4.02	3
27.2:	3.57	.043	3.60	3.52	3
27.4:	2.95	.075	3.02	2.87	3

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	315.6	----- N/A -----			1
25.0:	295.6	1.70	296.6	293.6	3
25.2:	275.6	.70	276.3	274.9	3
25.4:	257.1	.67	257.8	256.5	3
25.6:	238.3	1.24	239.1	236.9	3
25.8:	219.9	.79	220.5	219.0	3
26.0:	201.0	.55	201.4	200.4	3
26.2:	182.0	.59	182.4	181.3	3
26.4:	163.1	.36	163.4	162.7	3
26.6:	144.3	.06	144.4	144.3	3
26.8:	125.4	.00	125.4	125.4	3
27.0:	106.3	.10	106.4	106.2	3
27.2:	87.2	.06	87.3	87.2	3
27.4:	68.2	.10	68.3	68.1	3

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.60	----- N/A -----			1
25.0:	1.37	.164	1.55	1.23	3
25.2:	1.62	.161	1.77	1.45	3
25.4:	1.82	.214	1.98	1.58	3
25.6:	2.16	.297	2.44	1.85	3
25.8:	2.50	.370	2.87	2.13	3
26.0:	2.78	.382	3.18	2.42	3
26.2:	3.02	.421	3.48	2.65	3
26.4:	3.25	.441	3.74	2.89	3
26.6:	3.56	.412	4.02	3.22	3
26.8:	4.80	.325	5.13	4.48	3
27.0:	6.74	.543	7.07	6.11	3
27.2:	8.92	.520	9.32	8.33	3
27.4:	11.88	.783	12.36	10.98	3

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	.06	----- N/A -----			1
25.0:	.31	.081	.40	.24	3
25.2:	.44	.092	.52	.34	3
25.4:	.56	.139	.65	.40	3
25.6:	.80	.223	1.00	.56	3
25.8:	1.09	.325	1.41	.76	3
26.0:	1.36	.381	1.76	1.00	3
26.2:	1.63	.467	2.14	1.22	3
26.4:	1.91	.541	2.52	1.48	3
26.6:	2.36	.545	2.96	1.90	3
26.8:	4.79	.624	5.28	4.09	3
27.0:	11.16	2.093	12.99	8.88	3
27.2:	22.46	2.657	24.25	19.41	3
27.4:	46.60	6.616	52.13	39.27	3

OCTOBER

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.430	----- N/A -----			1
25.0:	10.662	.2434	10.805	10.381	3
25.2:	10.411	.2947	10.582	10.071	3
25.4:	10.209	.3570	10.456	9.800	3
25.6:	9.868	.3358	10.179	9.512	3
25.8:	9.533	.3462	9.901	9.214	3
26.0:	9.251	.3289	9.613	8.970	3
26.2:	9.009	.3229	9.378	8.777	3
26.4:	8.785	.3109	9.144	8.604	3
26.6:	8.466	.2996	8.810	8.260	3
26.8:	7.230	.0062	7.237	7.225	3
27.0:	5.294	.3207	5.602	4.962	3
27.2:	3.115	.2389	3.385	2.931	3
27.4:	.148	.5370	.731	-.326	3

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	12.032	----- N/A -----			1
25.0:	11.988	.2913	12.291	11.710	3
25.2:	11.695	.2877	12.189	11.614	3
25.4:	11.787	.2865	12.072	11.499	3
25.6:	11.661	.2860	11.937	11.366	3
25.8:	11.506	.2781	11.757	11.207	3
26.0:	11.323	.2708	11.549	11.023	3
26.2:	11.119	.2612	11.314	10.822	3
26.4:	10.891	.2496	11.050	10.603	3
26.6:	10.639	.2399	10.794	10.363	3
26.8:	10.302	.2336	10.470	10.035	3
27.0:	9.737	.1729	9.858	9.539	3
27.2:	8.865	.1194	8.945	8.728	3
27.4:	7.511	.0380	7.539	7.468	3

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1495	----- N/A -----			1
25.0:	1489	1.5	1491	1488	3
25.2:	1485	2.1	1488	1484	3
25.4:	1482	1.5	1484	1481	3
25.6:	1478	1.0	1479	1477	3
25.8:	1474	.6	1475	1474	3
26.0:	1473	1.2	1475	1473	3
26.2:	1473	1.2	1475	1473	3
26.4:	1474	1.7	1476	1473	3
26.6:	1475	1.5	1477	1474	3
26.8:	1473	1.0	1474	1472	3
27.0:	1472	.6	1473	1472	3
27.2:	1474	.6	1475	1474	3
27.4:	1478	1.0	1479	1477	3

NOVEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	9.27	----- N/A -----			1
25.4:	8.27	----- N/A -----			1
25.6:	7.42	----- N/A -----			1
25.8:	6.56	----- N/A -----			1
26.0:	6.33	----- N/A -----			1
26.2:	6.30	----- N/A -----			1
26.4:	6.27	----- N/A -----			1
26.6:	6.01	----- N/A -----			1
26.8:	5.00	----- N/A -----			1
27.0:	4.26	----- N/A -----			1
27.2:	3.70	----- N/A -----			1
27.4:	2.95	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	32.593	----- N/A -----			1
25.4:	32.668	----- N/A -----			1
25.6:	32.731	----- N/A -----			1
25.8:	32.846	----- N/A -----			1
26.0:	33.058	----- N/A -----			1
26.2:	33.312	----- N/A -----			1
26.4:	33.555	----- N/A -----			1
26.6:	33.768	----- N/A -----			1
26.8:	33.867	----- N/A -----			1
27.0:	34.017	----- N/A -----			1
27.2:	34.198	----- N/A -----			1
27.4:	34.361	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	53	----- N/A -----			1
25.4:	63	----- N/A -----			1
25.6:	72	----- N/A -----			1
25.8:	91	----- N/A -----			1
26.0:	116	----- N/A -----			1
26.2:	132	----- N/A -----			1
26.4:	147	----- N/A -----			1
26.6:	176	----- N/A -----			1
26.8:	251	----- N/A -----			1
27.0:	427	----- N/A -----			1
27.2:	650	----- N/A -----			1
27.4:	1069	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	278.5	----- N/A -----			1
25.4:	259.5	----- N/A -----			1
25.6:	240.6	----- N/A -----			1
25.8:	221.7	----- N/A -----			1
26.0:	203.0	----- N/A -----			1
26.2:	184.2	----- N/A -----			1
26.4:	165.5	----- N/A -----			1
26.6:	146.8	----- N/A -----			1
26.8:	128.3	----- N/A -----			1
27.0:	110.6	----- N/A -----			1
27.2:	93.0	----- N/A -----			1
27.4:	75.7	----- N/A -----			1

NOVEMBER

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	9.26	-----	N/A	-----	1
25.4:	8.26	-----	N/A	-----	1
25.6:	7.41	-----	N/A	-----	1
25.8:	6.55	-----	N/A	-----	1
26.0:	6.31	-----	N/A	-----	1
26.2:	6.29	-----	N/A	-----	1
26.4:	6.26	-----	N/A	-----	1
26.6:	6.00	-----	N/A	-----	1
26.8:	4.98	-----	N/A	-----	1
27.0:	4.22	-----	N/A	-----	1
27.2:	3.65	-----	N/A	-----	1
27.4:	2.88	-----	N/A	-----	1

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1.55	-----	N/A	-----	1
25.4:	1.81	-----	N/A	-----	1
25.6:	2.04	-----	N/A	-----	1
25.8:	2.48	-----	N/A	-----	1
26.0:	3.01	-----	N/A	-----	1
26.2:	3.32	-----	N/A	-----	1
26.4:	3.60	-----	N/A	-----	1
26.6:	4.04	-----	N/A	-----	1
26.8:	5.07	-----	N/A	-----	1
27.0:	7.18	-----	N/A	-----	1
27.2:	9.46	-----	N/A	-----	1
27.4:	12.98	-----	N/A	-----	1

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	10.814	-----	N/A	-----	1
25.4:	10.559	-----	N/A	-----	1
25.6:	10.325	-----	N/A	-----	1
25.8:	9.888	-----	N/A	-----	1
26.0:	9.362	-----	N/A	-----	1
26.2:	9.046	-----	N/A	-----	1
26.4:	8.771	-----	N/A	-----	1
26.6:	8.328	-----	N/A	-----	1
26.8:	7.302	-----	N/A	-----	1
27.0:	5.192	-----	N/A	-----	1
27.2:	2.911	-----	N/A	-----	1
27.4:	-.613	-----	N/A	-----	1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	6.30	-----	N/A	-----	1
25.4:	6.05	-----	N/A	-----	1
25.6:	5.84	-----	N/A	-----	1
25.8:	5.79	-----	N/A	-----	1
26.0:	3.55	-----	N/A	-----	1
26.2:	4.18	-----	N/A	-----	1
26.4:	5.16	-----	N/A	-----	1
26.6:	4.45	-----	N/A	-----	1
26.8:	2.87	-----	N/A	-----	1
27.0:	1.26	-----	N/A	-----	1
27.2:	.63	-----	N/A	-----	1
27.4:	.95	-----	N/A	-----	1

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	275.9	-----	N/A	-----	1
25.4:	255.9	-----	N/A	-----	1
25.6:	239.5	-----	N/A	-----	1
25.8:	219.9	-----	N/A	-----	1
26.0:	201.2	-----	N/A	-----	1
26.2:	181.9	-----	N/A	-----	1
26.4:	163.4	-----	N/A	-----	1
26.6:	144.4	-----	N/A	-----	1
26.8:	125.4	-----	N/A	-----	1
27.0:	106.3	-----	N/A	-----	1
27.2:	87.1	-----	N/A	-----	1
27.4:	68.0				

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	.43	-----	N/A	-----	1
25.4:	.58	-----	N/A	-----	1
25.6:	.74	-----	N/A	-----	1
25.8:	1.10	-----	N/A	-----	1
26.0:	1.66	-----	N/A	-----	1
26.2:	2.06	-----	N/A	-----	1
26.4:	2.45	-----	N/A	-----	1
26.6:	3.19	-----	N/A	-----	1
26.8:	5.43	-----	N/A	-----	1
27.0:	12.73	-----	N/A	-----	1
27.2:	25.28	-----	N/A	-----	1
27.4:	56.21				

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	12.306	-----	N/A	-----	1
25.4:	12.195	-----	N/A	-----	1
25.6:	12.068	-----	N/A	-----	1
25.8:	11.914	-----	N/A	-----	1
26.0:	11.722	-----	N/A	-----	1
26.2:	11.487	-----	N/A	-----	1
26.4:	11.226	-----	N/A	-----	1
26.6:	10.925	-----	N/A	-----	1
26.8:	10.544	-----	N/A	-----	1
27.0:	9.946	-----	N/A	-----	1
27.2:	9.006	-----	N/A	-----	1
27.4:	7.559				

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	1485	-----	N/A	-----	1
25.4:	1482	-----	N/A	-----	1
25.6:	1479	-----	N/A	-----	1
25.8:	1476	-----	N/A	-----	1
26.0:	1476	-----	N/A	-----	1
26.2:	1476	-----	N/A	-----	1
26.4:	1477	-----	N/A	-----	1
26.6:	1476	-----	N/A	-----	1
26.8:	1474	-----	N/A	-----	1
27.0:	1474	-----	N/A	-----	1
27.2:	1475	-----	N/A	-----	1
27.4:	1479				

DECEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.94	.384	8.70	7.50	11
25.6:	7.10	.407	7.79	6.22	12
25.8:	6.32	.473	6.98	5.43	12
26.0:	5.67	.483	6.22	4.66	12
26.2:	5.52	.411	6.12	4.86	12
26.4:	5.51	.332	6.06	5.09	12
26.6:	5.54	.368	6.16	4.92	12
26.8:	4.83	.348	5.29	4.08	12
27.0:	4.07	.123	4.22	3.83	11
27.2:	3.60	.060	3.70	3.50	11
27.4:	2.99	.034	3.05	2.95	11

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	32.586	.0759	32.737	32.492	11
25.6:	32.694	.0719	32.825	32.530	12
25.8:	32.815	.0737	32.909	32.653	12
26.0:	32.958	.0746	33.049	32.868	12
26.2:	33.193	.0653	33.289	33.094	12
26.4:	33.440	.0491	33.522	33.374	12
26.6:	33.695	.0566	33.792	33.605	12
26.8:	33.843	.0483	33.910	33.742	12
27.0:	33.993	.0160	34.011	33.961	11
27.2:	34.184	.0073	34.197	34.173	11
27.4:	34.364	.0039	34.370	34.359	11

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	70	9.8	82	55	11
25.6:	80	9.7	98	65	12
25.8:	92	8.8	109	72	12
26.0:	107	11.5	126	87	12
26.2:	121	11.9	143	104	12
26.4:	135	12.1	161	120	12
26.6:	157	14.8	186	142	12
26.8:	241	26.8	293	202	12
27.0:	402	28.1	467	378	11
27.2:	632	31.7	704	591	11
27.4:	964	30.3	1044	946	11

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	259.6	.17	259.9	259.3	11
25.6:	240.6	.12	240.8	240.3	12
25.8:	221.6	.12	221.9	221.5	12
26.0:	202.7	.14	203.1	202.6	12
26.2:	183.9	.12	184.2	183.8	12
26.4:	165.1	.15	165.5	164.9	12
26.6:	146.4	.16	146.8	146.2	12
26.8:	128.1	.34	129.0	127.8	12
27.0:	110.2	.24	110.7	109.9	11
27.2:	92.7	.25	93.2	92.4	11
27.4:	75.2	.19	75.6	75.0	11

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.93	.381	8.69	7.50	11
25.6:	7.09	.406	7.78	6.21	12
25.8:	6.31	.470	6.97	5.28	12
26.0:	5.66	.482	6.21	4.65	12
26.2:	5.51	.409	6.10	4.85	12
26.4:	5.49	.331	6.05	5.08	12
26.6:	5.52	.368	6.15	4.91	12
26.8:	4.81	.348	5.27	4.06	12
27.0:	4.04	.123	4.19	3.80	11
27.2:	3.55	.058	3.66	3.46	11
27.4:	2.93	.033	2.98	2.88	11

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	257.3	.78	258.5	255.8	11
25.6:	238.1	1.21	239.5	236.5	12
25.8:	219.4	.74	220.5	218.2	12
26.0:	201.1	.28	201.4	200.5	12
26.2:	181.8	.38	182.3	181.1	12
26.4:	163.1	.29	163.5	162.7	12
26.6:	144.3	.13	144.5	144.1	12
26.8:	125.4	.05	125.4	125.3	12
27.0:	106.3	.12	106.4	106.1	11
27.2:	87.2	.07	87.4	87.2	11
27.4:	68.1	.07	68.2	68.0	11

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1.91	.249	2.22	1.51	11
25.6:	2.17	.239	2.57	1.76	12
25.8:	2.43	.229	2.81	1.93	12
26.0:	2.76	.294	3.23	2.24	12
26.2:	3.03	.266	3.54	2.58	12
26.4:	3.27	.283	3.87	2.96	12
26.6:	3.62	.316	4.25	3.32	12
26.8:	4.76	.460	5.67	4.13	12
27.0:	6.66	.443	7.76	6.29	11
27.2:	9.00	.483	10.20	8.41	11
27.4:	11.96	.450	13.09	11.38	11

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	.70	.184	.93	.42	11
25.6:	.90	.204	1.28	.58	12
25.8:	1.13	.208	1.54	.70	12
26.0:	1.48	.312	2.00	.95	12
26.2:	1.80	.339	2.42	1.28	12
26.4:	2.12	.375	2.94	1.73	12
26.6:	2.65	.485	3.62	2.18	12
26.8:	5.01	1.048	7.12	3.60	12
27.0:	11.32	1.647	15.25	9.40	11
27.2:	23.70	2.556	29.84	20.62	11
27.4:	48.15	3.258	55.72	43.95	11

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	10.149	.2599	10.452	9.642	10
25.6:	9.865	.2417	10.245	9.449	11
25.8:	9.598	.2532	10.070	9.271	11
26.0:	9.286	.2115	9.762	9.107	11
26.2:	9.020	.2061	9.422	8.746	11
26.4:	8.787	.1719	9.043	8.490	11
26.6:	8.492	.1667	8.672	8.157	11
26.8:	7.292	.2273	7.592	6.843	11
27.0:	5.343	.2167	5.627	4.913	11
27.2:	3.006	.2387	3.307	2.477	11
27.4:	.044	.2327	.334	-.417	11

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	11.954	.2694	12.587	11.653	10
25.6:	11.802	.2486	12.422	11.498	11
25.8:	11.639	.2421	12.243	11.329	11
26.0:	11.452	.2331	12.029	11.147	11
26.2:	11.236	.2232	11.778	10.947	11
26.4:	10.997	.2137	11.507	10.729	11
26.6:	10.731	.2001	11.205	10.492	11
26.8:	10.390	.1771	10.814	10.188	11
27.0:	9.816	.1223	10.126	9.684	11
27.2:	8.914	.0766	9.098	8.816	11
27.4:	7.520	.0183	7.557	7.495	11

DECEMBER

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
25.4:	-----	N/A	-----		0	1480	1.6	1484	1479	11
25.6:	-----	N/A	-----		0	1477	1.9	1481	1474	12
25.8:	-----	N/A	-----		0	1475	2.0	1478	1471	12
26.0:	-----	N/A	-----		0	1472	1.9	1475	1469	12
26.2:	-----	N/A	-----		0	1472	1.9	1476	1470	12
26.4:	-----	N/A	-----		0	1473	1.4	1476	1472	12
26.6:	-----	N/A	-----		0	1474	1.5	1477	1472	12
26.8:	-----	N/A	-----		0	1472	1.5	1476	1470	12
27.0:	-----	N/A	-----		0	1472	.8	1474	1471	11
27.2:	-----	N/A	-----		0	1474	.7	1476	1474	11
27.4:	-----	N/A	-----		0	1478	.6	1479	1477	11

Table 19. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, using all data, for Station 11.

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	9.03	2.886	15.20	4.63	117	32.608	.1039	32.864	32.370	117
10:	8.99	2.860	15.21	4.63	117	32.602	.1016	32.847	32.400	117
20:	8.81	2.725	14.28	4.62	117	32.606	.1004	32.837	32.400	117
30:	8.29	2.295	14.14	4.62	117	32.614	.0980	32.833	32.400	117
50:	7.00	1.023	10.31	4.61	117	32.651	.1024	32.890	32.430	117
75:	6.26	.764	8.76	4.61	117	32.683	.1044	32.950	32.460	117
100:	5.62	.555	7.33	4.49	117	32.809	.1635	33.510	32.491	117
125:	5.28	.427	6.28	4.33	117	33.214	.2596	33.810	32.680	117
150:	5.32	.461	6.33	4.41	117	33.590	.2001	33.890	32.800	117
175:	5.19	.461	6.20	4.13	117	33.745	.1061	33.920	33.300	117
200:	4.96	.428	6.04	4.02	117	33.806	.0627	33.928	33.624	117
225:	4.74	.390	5.93	3.92	117	33.831	.0498	33.947	33.685	117
250:	4.54	.369	5.81	3.80	117	33.851	.0426	33.963	33.720	117
300:	4.26	.267	5.40	3.70	117	33.894	.0297	33.966	33.808	117
400:	3.97	.149	4.37	3.69	111	33.947	.0295	34.068	33.896	111
500:	3.82	.104	4.09	3.56	107	34.096	.0235	34.150	34.037	107
600:	3.69	.086	3.87	3.41	107	34.175	.0220	34.236	34.116	107
700:	3.46	.077	3.68	3.29	107	34.242	.0208	34.317	34.185	107
800:	3.28	.069	3.49	3.11	107	34.296	.0193	34.367	34.243	107
900:	3.11	.058	3.32	2.98	107	34.341	.0183	34.420	34.288	107
1000:	2.95	.052	3.14	2.85	107	34.378	.0169	34.422	34.331	107
1200:	2.67	.040	2.79	2.60	104	34.440	.0160	34.490	34.397	104
1500:	2.34	.040	2.48	2.24	95	34.509	.0187	34.570	34.459	95
2000:	1.95	.024	1.99	1.90	21	34.591	.0172	34.633	34.560	21
2500:	1.74	.017	1.76	1.70	9	34.633	.0117	34.654	34.612	9
3000:	1.59	.023	1.64	1.56	9	34.660	.0093	34.666	34.641	9
3500:	1.54	.019	1.56	1.52	5	34.671	.0104	34.682	34.655	5

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.223	.5128	25.915	24.113	117	275.5	48.60	381.1	209.7	117
10:	25.225	.5086	25.923	24.124	117	275.5	48.45	380.4	209.0	117
20:	25.260	.4804	25.925	24.206	117	272.3	45.82	372.8	208.9	117
30:	25.356	.4014	25.925	24.265	117	263.2	38.32	367.4	209.0	117
50:	25.589	.1735	25.927	24.944	117	241.4	16.59	303.0	209.0	117
75:	25.712	.1449	25.948	25.287	117	229.8	13.86	270.6	207.3	117
100:	25.892	.1471	26.419	25.504	117	212.9	14.01	249.9	163.0	117
125:	26.251	.1857	26.659	25.882	117	179.0	17.56	214.1	140.6	117
150:	26.543	.1430	26.756	25.995	117	151.7	13.51	203.3	131.4	117
175:	26.681	.0783	26.797	26.344	117	138.8	7.46	170.6	127.7	117
200:	26.755	.0460	26.837	26.599	117	132.0	4.44	147.1	124.0	117
225:	26.800	.0358	26.868	26.698	117	127.9	3.49	137.8	121.3	117
250:	26.838	.0330	26.903	26.751	117	124.4	3.25	132.9	118.2	117
300:	26.902	.0306	26.959	26.816	117	118.7	3.03	127.1	113.1	117
400:	27.014	.0289	27.074	26.923	111	108.7	2.80	117.4	102.9	111
500:	27.109	.0239	27.158	27.047	107	100.4	2.32	106.4	95.7	107
600:	27.189	.0223	27.234	27.127	107	93.4	2.18	99.5	89.2	107
700:	27.260	.0205	27.323	27.198	107	87.3	2.00	93.4	81.3	107
800:	27.320	.0185	27.378	27.263	107	82.0	1.81	87.6	78.6	107
900:	27.371	.0168	27.435	27.327	107	77.6	1.69	82.0	71.7	107
1000:	27.416	.0150	27.451	27.368	107	73.7	1.48	78.4	70.4	107
1200:	27.490	.0138	27.533	27.456	104	67.2	1.33	70.4	63.1	104
1500:	27.573	.0159	27.620	27.532	95	60.0	1.53	63.7	55.7	95
2000:	27.670	.0152	27.707	27.642	21	51.6	1.46	54.2	47.9	21
2500:	27.720	.0095	27.737	27.704	9	47.5	.83	49.0	46.1	9
3000:	27.752	.0079	27.757	27.738	9	45.2	.78	46.8	44.6	9
3500:	27.765	.0095	27.776	27.751	5	45.1	.92	46.4	44.0	5

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	9.03	2.886	15.20	4.63	117	275.5	48.80	381.1	269.7	117
10:	8.99	2.860	15.21	4.63	117	275.3	48.40	380.1	268.9	117
20:	8.81	2.725	14.28	4.62	117	271.9	45.70	372.2	268.7	117
30:	8.28	2.295	14.14	4.62	117	267.7	38.18	366.6	268.6	117
50:	7.00	1.022	10.30	4.61	117	240.6	16.50	301.9	268.5	117
75:	6.25	.764	8.75	4.60	117	228.8	13.77	269.2	266.5	117
100:	5.61	.555	7.32	4.48	117	211.8	13.98	248.6	161.7	117
125:	5.27	.427	6.27	4.32	117	177.6	17.64	212.7	138.9	117
150:	5.3[illegible]	.460	6.31	4.40	117	149.9	13.57	201.9	129.7	117
175:	5.1	.460	6.16	4.11	117	136.8	7.43	168.7	125.8	117
200:	4.9[illegible]	.427	6.02	4.01	117	129.8	4.35	144.5	122.0	117
225:	4.7[illegible]	.390	5.91	3.90	117	125.4	3.38	135.1	119.0	117
250:	4.5[illegible]	.369	5.79	3.78	117	121.9	3.17	130.0	115.7	117
300:	4.24	.267	5.38	3.68	117	115.7	2.90	123.8	110.3	117
400:	3.94	.148	4.34	3.58	111	105.1	2.73	113.7	99.4	111
500:	3.78	.104	4.06	3.53	107	96.0	2.26	101.8	91.3	107
600:	3.6[illegible]	.085	3.83	3.37	107	88.3	2.11	94.3	84.1	107
700:	3.41	.076	3.63	3.25	107	81.6	1.94	87.5	75.6	107
800:	3.23	.069	3.44	3.05	107	75.8	1.75	81.[illegible]	70.4	107
900:	3.05	.058	3.25	2.92	107	71.0	1.59	75.1	64.9	107
1000:	2.88	.052	3.07	2.78	107	66.7	1.42	71.2	63.3	107
1200:	2.59	.039	2.71	2.52	104	59.6	1.30	62.8	55.5	104
1500:	2.24	.039	2.38	2.14	95	51.6	1.51	55.4	47.1	95
2000:	1.82	.023	1.85	1.76	21	42.2	1.43	44.8	38.7	21
2500:	1.56	.017	1.58	1.52	9	37.2	.89	38.8	35.6	9
3000:	1.37	.023	1.42	1.34	9	33.9	.75	35.2	33.4	9
3500:	1.27	.019	1.29	1.25	5	32.3	.88	33.7	31.9	5

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	117	.00	.000	.00	.00	117
10:	.28	.048	.38	.21	117	.01	.005	.02	.01	117
20:	.55	.096	.76	.42	117	.06	.009	.08	.04	117
30:	.82	.137	1.13	.63	117	.13	.021	.17	.10	117
50:	1.33	.183	1.75	1.05	117	.33	.039	.42	.27	117
75:	1.92	.198	2.37	1.57	117	.71	.053	.82	.60	117
100:	2.47	.204	2.97	2.09	117	1.20	.068	1.36	1.08	117
125:	2.96	.211	3.50	2.60	117	1.76	.088	1.97	1.47	117
150:	3.37	.220	3.93	2.85	117	2.34	.123	2.59	1.96	117
175:	3.73	.231	4.34	3.19	117	2.99	.157	3.30	2.52	117
200:	4.07	.238	4.71	3.51	117	3.58	.178	4.06	3.14	117
225:	4.39	.244	5.05	3.84	117	4.28	.194	4.81	3.81	117
250:	4.71	.248	5.38	4.14	117	5.05	.209	5.60	4.53	117
300:	5.32	.256	6.01	4.77	117	6.75	.242	7.37	6.15	117
400:	6.45	.277	7.17	5.81	111	10.79	.320	11.54	10.05	111
500:	7.49	.295	8.28	6.84	107	15.58	.418	16.52	14.75	107
600:	8.46	.308	9.29	7.78	107	21.01	.525	22.19	20.00	107
700:	9.36	.322	10.26	8.65	107	26.99	.644	28.60	25.64	107
800:	10.20	.333	11.16	9.48	107	33.45	.762	35.51	31.71	107
900:	11.00	.344	12.00	10.27	107	40.36	.892	42.82	38.10	107
1000:	11.76	.359	12.81	11.02	107	47.67	1.021	50.61	45.00	107
1200:	13.17	.375	14.28	12.36	104	63.44	1.283	67.14	59.95	104
1500:	15.04	.386	15.85	14.14	95	84.48	1.767	93.39	84.42	95
2000:	17.86	.445	18.91	16.96	21	139.24	2.507	144.05	134.24	21
2500:	20.34	.563	20.91	19.39	9	195.69	3.581	201.00	189.10	9
3000:	22.65	.591	23.29	21.66	9	260.44	4.430	267.05	252.69	9
3500:	24.91	.715	25.59	23.88	5	336.10	7.104	343.80	326.18	5

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.73	.425	7.21	5.92	9	1483	10.5	1505	1466	117
10:	6.72	.456	7.37	6.06	9	1483	10.5	1505	1466	117
20:	6.75	.425	7.35	6.15	9	1482	10.0	1502	1467	117
30:	6.81	.425	7.34	6.21	9	1481	8.5	1502	1467	117
50:	7.02	.273	7.39	6.53	9	1476	4.0	1489	1467	117
75:	6.97	.169	7.13	6.78	9	1474	3.1	1484	1467	117
100:	6.77	.225	7.08	6.33	9	1472	2.3	1479	1467	117
125:	5.78	.555	6.41	4.64	9	1471	1.9	1476	1467	117
150:	4.63	.399	5.07	3.91	9	1472	2.0	1477	1469	117
175:	4.06	.299	4.54	3.58	9	1472	2.0	1477	1468	117
200:	3.83	.374	4.56	3.30	9	1472	1.8	1477	1468	117
225:	3.49	.271	3.87	2.97	9	1472	1.7	1477	1469	117
250:	3.19	.187	3.42	2.86	9	1471	1.6	1477	1468	117
300:	2.55	.231	2.80	2.09	9	1471	1.1	1476	1469	117
400:	1.72	.230	2.16	1.44	9	1471	.7	1474	1470	111
500:	1.10	.150	1.41	.94	9	1473	.5	1474	1472	107
600:	.84	.109	1.04	.69	9	1474	.4	1475	1473	107
700:	.66	.120	.95	.54	9	1475	.3	1476	1474	107
800:	.57	.097	.81	.48	9	1475	.3	1477	1475	107
900:	.52	.052	.64	.46	9	1477	.2	1478	1476	107
1000:	.48	.022	.52	.44	9	1478	.2	1479	1478	107
1200:	.51	.035	.55	.44	9	1480	.2	1481	1480	104
1500:	.68	.053	.77	.62	9	1483	.2	1484	1483	95
2000:	1.33	.072	1.43	1.24	6	1490	.4	1491	1490	21
2500:	1.95	.126	2.12	1.79	6	1498	.0	1498	1498	9
3000:	2.61	.135	2.75	2.44	5	1506	.0	1506	1506	9
3500:	2.73	.092	2.80	2.67	2	1514	.0	1514	1514	5

STD PRESS	DELTA -UN MEAN	S.D.	MAX	MIN	N
0:	11.760	.3565	12.808	11.019	105
10:	11.484	.3255	12.490	10.789	105
20:	11.211	.2990	12.073	10.566	105
30:	10.942	.2776	11.705	10.340	105
50:	10.437	.2542	11.066	9.845	105
75:	9.847	.2429	10.438	9.354	105
100:	9.298	.2311	9.854	8.809	105
125:	8.808	.2123	9.321	8.337	105
150:	8.398	.1908	8.874	7.958	105
175:	8.038	.1757	8.492	7.621	105
200:	7.700	.1664	8.137	7.301	105
225:	7.377	.1563	7.798	6.988	105
250:	7.062	.1516	7.467	6.686	105
300:	6.454	.1394	6.834	6.102	105
400:	5.317	.1136	5.640	5.009	105
500:	4.271	.0908	4.531	4.023	105
600:	3.302	.0701	3.521	3.096	105
700:	2.399	.0499	2.552	2.245	105
800:	1.553	.0327	1.648	1.451	105
900:	.756	.0155	.804	.713	105
1000:	.000	.0000	.000	.000	105
1200:	-1.406	.0289	-1.321	-1.476	104
1500:	-3.304	.0697	-3.115	-3.466	95
2000:	-6.097	.1104	-5.870	-6.311	21
2500:	-8.561	.1603	-8.259	-8.799	9
3000:	-10.871	.1904	-10.527	-11.157	9
3500:	-13.164	.2932	-12.746	-13.474	5

Table 20. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, by months, for Station 11.

JANUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.25	.392	8.05	6.72	8
10:	7.21	.423	8.03	6.72	8
20:	7.21	.424	8.03	6.71	8
30:	7.21	.417	8.01	6.72	8
50:	7.21	.419	8.01	6.71	8
75:	7.07	.284	7.55	6.71	8
100:	6.53	.814	7.33	4.62	8
125:	5.15	.965	5.75	4.36	8
150:	5.23	.319	5.72	4.80	8
175:	5.23	.309	5.84	4.80	8
200:	5.08	.322	5.71	4.68	8
225:	4.83	.323	5.41	4.41	8
250:	4.60	.326	5.12	4.20	8
300:	4.32	.254	4.72	3.96	8
400:	3.99	.175	4.22	3.71	7
500:	3.80	.121	3.96	3.69	7
600:	3.65	.107	3.79	3.48	7
700:	3.47	.079	3.59	3.34	7
800:	3.29	.069	3.38	3.19	7
900:	3.11	.055	3.20	3.04	7
1000:	2.95	.043	3.02	2.90	7
1200:	2.68	.021	2.71	2.66	6
1500:	2.31	.022	2.34	2.28	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.552	.0789	32.680	32.450	8
10:	32.550	.0784	32.680	32.450	8
20:	32.551	.0815	32.690	32.450	8
30:	32.550	.0811	32.690	32.450	8
50:	32.551	.0804	32.685	32.450	8
75:	32.567	.0717	32.677	32.488	8
100:	32.674	.0986	32.790	32.491	8
125:	33.202	.1813	33.540	32.990	8
150:	33.582	.1033	33.750	33.444	8
175:	33.771	.0354	33.815	33.732	8
200:	33.831	.0275	33.870	33.778	8
225:	33.855	.0308	33.890	33.800	8
250:	33.872	.0317	33.910	33.820	8
300:	33.907	.0185	33.930	33.880	8
400:	33.997	.0169	34.011	33.960	7
500:	34.091	.0284	34.125	34.037	7
600:	34.179	.0250	34.203	34.133	7
700:	34.243	.0225	34.270	34.200	7
800:	34.296	.0181	34.320	34.266	7
900:	34.345	.0151	34.360	34.320	7
1000:	34.381	.0166	34.400	34.360	7
1200:	34.445	.0082	34.460	34.440	6
1500:	34.516	.0041	34.520	34.509	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.462	.0563	25.560	25.397	8
10:	25.465	.0563	25.560	25.396	8
20:	25.486	.0558	25.560	25.396	8
30:	25.486	.0556	25.560	25.396	8
50:	25.487	.0566	25.560	25.395	8
75:	25.518	.0511	25.566	25.432	8
100:	25.671	.1414	25.954	25.504	8
125:	26.256	.1279	26.487	26.131	8
150:	26.548	.0892	26.671	26.425	8
175:	26.697	.0286	26.728	26.656	8
200:	26.763	.0220	26.789	26.719	8
225:	26.810	.0232	26.836	26.771	8
250:	26.848	.0295	26.897	26.810	8
300:	26.907	.0247	26.939	26.866	8
400:	27.013	.0288	27.051	26.960	7
500:	27.106	.0335	27.146	27.047	7
600:	27.191	.0293	27.227	27.141	7
700:	27.260	.0236	27.284	27.214	7
800:	27.319	.0177	27.339	27.286	7
900:	27.375	.0139	27.393	27.351	7
1000:	27.418	.0145	27.435	27.397	7
1200:	27.493	.0053	27.503	27.488	6
1500:	27.581	.0039	27.584	27.575	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	250.8	5.34	256.9	243.4	8
10:	250.6	5.34	259.1	243.5	8
20:	250.7	5.33	259.3	243.6	8
30:	250.8	5.28	259.4	243.8	8
50:	251.1	5.42	259.8	244.0	8
75:	248.4	4.87	256.6	243.7	8
100:	234.1	13.59	249.9	226.7	8
125:	178.5	12.12	190.6	156.7	8
150:	151.2	8.46	162.8	139.6	8
175:	137.3	2.81	141.5	134.3	8
200:	131.3	2.23	135.8	128.7	8
225:	127.0	2.34	131.0	124.3	8
250:	123.5	2.96	127.2	118.6	8
300:	118.2	2.49	122.4	115.0	8
400:	108.9	2.88	114.0	104.9	7
500:	100.7	3.28	106.4	96.7	7
600:	93.3	2.88	98.2	89.7	7
700:	87.3	2.33	91.8	84.8	7
800:	82.2	1.73	85.4	80.1	7
900:	77.3	1.36	79.6	75.4	7
1000:	73.5	1.40	75.5	71.7	7
1200:	66.9	.44	67.4	66.1	6
1500:	59.1	.32	59.6	58.8	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

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THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.25	.392	8.05	6.72	8
10:	7.21	.423	8.03	6.72	8
20:	7.21	.424	8.03	6.71	8
30:	7.21	.417	8.01	6.72	8
50:	7.21	.419	8.01	6.71	8
75:	7.06	.287	7.55	6.70	8
100:	6.52	.814	7.32	4.61	8
125:	5.19	.461	5.74	4.36	8
150:	5.[illegible]	.319	5.71	4.79	8
175:	5.22	.308	5.83	4.79	8
200:	5.06	.322	5.69	4.66	8
225:	4.81	.322	5.39	4.40	8
250:	4.58	.328	5.10	4.18	8
300:	4.30	.255	4.70	3.94	8
400:	3.97	.172	4.14	3.69	7
500:	3.77	.120	3.93	3.56	7
600:	3.61	.108	3.75	3.44	7
700:	3.42	.076	3.54	3.30	7
800:	3.24	.068	3.33	3.14	7
900:	3.05	.051	3.13	2.98	7
1000:	2.88	.045	2.95	2.83	7
1200:	2.60	.021	2.63	2.58	6
1500:	2.21	.022	2.24	2.18	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	250.8	5.34	258.9	243.4	8
10:	250.5	5.34	259.0	243.4	8
20:	250.4	5.31	259.0	243.4	8
30:	250.4	5.26	258.9	243.4	8
50:	250.3	5.41	259.1	243.3	8
75:	247.9	4.87	255.5	242.6	8
100:	232.8	13.45	248.6	215.8	8
125:	177.1	12.18	189.1	155.2	8
150:	149.4	8.46	161.1	137.7	8
175:	135.2	2.74	139.2	132.3	8
200:	129.0	2.07	133.1	126.5	8
225:	124.5	2.18	128.2	122.1	8
250:	120.8	2.81	124.5	118.2	8
300:	115.3	2.32	119.1	112.3	8
400:	105.2	2.74	110.2	101.5	7
500:	96.3	3.13	101.8	92.6	7
600:	88.2	2.75	92.9	84.8	7
700:	81.6	2.22	85.9	79.3	7
800:	75.9	1.66	79.0	74.0	7
900:	70.6	1.31	72.9	68.9	7
1000:	66.5	1.37	68.4	64.8	7
1200:	59.2	.45	59.7	58.9	6
1500:	50.8	.33	51.4	50.6	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	8
10:	.25	.006	.26	.24	8
20:	.50	.012	.52	.49	8
30:	.75	.016	.78	.73	8
50:	1.26	.027	1.30	1.22	8
75:	1.88	.040	1.94	1.83	8
100:	2.49	.046	2.55	2.43	8
125:	3.00	.042	3.04	2.93	8
150:	3.41	.042	3.47	3.35	8
175:	3.77	.050	3.85	3.70	8
200:	4.11	.054	4.19	4.03	8
225:	4.43	.062	4.53	4.35	8
250:	4.74	.066	4.85	4.66	8
300:	5.38	.077	5.47	5.25	8
400:	6.47	.099	6.65	6.36	7
500:	7.51	.128	7.75	7.37	7
600:	8.49	.161	8.78	8.30	7
700:	9.39	.188	9.73	9.17	7
800:	10.23	.204	10.61	9.99	7
900:	11.03	.217	11.43	10.77	7
1000:	11.79	.232	12.21	11.50	7
1200:	13.17	.262	13.65	12.92	6
1500:	15.05	.265	15.52	14.79	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	8
10:	.01	.000	.01	.01	8
20:	.05	.000	.05	.05	8
30:	.11	.000	.12	.11	8
50:	.32	.000	.33	.31	8
75:	.72	.014	.74	.70	8
100:	1.26	.023	1.29	1.22	8
125:	1.84	.032	1.88	1.78	8
150:	2.42	.050	2.49	2.36	8
175:	3.02	.069	3.11	2.93	8
200:	3.66	.082	3.77	3.55	8
225:	4.35	.091	4.50	4.25	8
250:	5.11	.104	5.26	5.01	8
300:	6.80	.133	7.01	6.66	8
400:	10.81	.202	11.21	10.62	7
500:	15.61	.334	16.26	15.25	7
600:	21.08	.539	22.06	20.45	7
700:	27.05	.692	28.30	26.23	7
800:	33.51	.844	35.09	32.48	7
900:	40.40	.958	42.18	39.21	7
1000:	47.70	1.080	49.67	46.32	7
1200:	63.37	1.307	65.89	62.29	6
1500:	89.30	1.410	91.61	87.92	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

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OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1476	1.5	1480	1475	8
10:	1476	1.6	1480	1475	8
20:	1476	1.6	1480	1475	8
30:	1477	1.7	1480	1475	8
50:	1477	1.8	1481	1475	8
75:	1477	1.1	1479	1476	8
100:	1475	3.3	1479	1468	8
125:	1471	2.0	1474	1468	8
150:	1472	1.1	1474	1471	8
175:	1473	1.5	1476	1471	8
200:	1472	1.5	1476	1471	8
225:	1472	1.3	1475	1471	8
250:	1471	1.5	1474	1470	8
300:	1471	.9	1473	1470	8
400:	1472	.8	1473	1471	7
500:	1473	.6	1474	1472	7
600:	1474	.6	1475	1473	7
700:	1475	.0	1475	1475	7
800:	1476	.0	1476	1476	7
900:	1477	.0	1477	1477	7
1000:	1478	.0	1478	1478	7
1200:	1480	.0	1480	1480	6
1500:	1484	.0	1484	1484	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.784	.2304	12.205	11.502	7
10:	11.532	.2275	11.953	11.258	7
20:	11.281	.2246	11.701	11.015	7
30:	11.030	.2223	11.450	10.771	7
50:	10.526	.2175	10.947	10.283	7
75:	9.897	.2171	10.326	9.673	7
100:	9.295	.2096	9.709	9.061	7
125:	8.783	.2016	9.169	8.546	7
150:	8.376	.1920	8.734	8.151	7
175:	8.019	.1859	8.360	7.801	7
200:	7.686	.1811	8.013	7.468	7
225:	7.364	.1755	7.679	7.147	7
250:	7.052	.1709	7.356	6.833	7
300:	6.451	.1623	6.738	6.237	7
400:	5.319	.1361	5.560	5.139	7
500:	4.272	.1057	4.457	4.131	7
600:	3.296	.0719	3.422	3.203	7
700:	2.395	.0486	2.480	2.329	7
800:	1.549	.0269	1.592	1.512	7
900:	.754	.0135	.774	.735	7
1000:	.000	.0000	.000	.000	7
1200:	-1.405	.0249	-1.380	-1.446	6
1500:	-3.297	.0114	-3.287	-3.316	5
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

FEBRUARY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	5.72	.714	6.85	4.63	6
10:	5.74	.730	6.86	4.63	6
20:	5.75	.736	6.87	4.62	6
30:	5.74	.736	6.87	4.62	6
50:	5.75	.739	6.86	4.61	6
75:	5.70	.730	6.86	4.61	6
100:	5.70	.736	6.86	4.59	6
125:	5.27	.372	5.71	4.61	6
150:	5.16	.416	5.67	4.41	6
175:	5.19	.570	5.84	4.19	6
200:	4.99	.538	5.50	4.02	6
225:	4.77	.456	5.17	3.92	6
250:	4.57	.370	4.87	3.86	6
300:	4.25	.258	4.42	3.74	6
400:	3.99	.180	4.14	3.65	6
500:	3.79	.129	3.93	3.56	6
600:	3.63	.078	3.71	3.51	6
700:	3.45	.064	3.54	3.35	6
800:	3.29	.061	3.39	3.21	6
900:	3.13	.052	3.21	3.08	6
1000:	2.95	.044	3.02	2.89	6
1200:	2.68	.029	2.73	2.65	6
1500:	2.36	.033	2.41	2.32	6
2000:	1.97	----- N/A -----			1
2500:	1.76	----- N/A -----			1
3000:	1.60	----- N/A -----			1
3500:	1.56	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.672	.1009	32.864	32.560	6
10:	32.658	.0718	32.786	32.560	6
20:	32.658	.0713	32.784	32.560	6
30:	32.658	.0708	32.782	32.560	6
50:	32.659	.0698	32.785	32.560	6
75:	32.668	.0719	32.786	32.560	6
100:	32.691	.0820	32.792	32.610	6
125:	33.211	.2335	33.495	32.870	6
150:	33.567	.1422	33.740	33.350	6
175:	33.746	.0802	33.844	33.620	6
200:	33.808	.0602	33.870	33.720	6
225:	33.832	.0519	33.896	33.760	6
250:	33.852	.0348	33.900	33.807	6
300:	33.896	.0354	33.960	33.861	6
400:	34.000	.0386	34.068	33.955	6
500:	34.090	.0334	34.150	34.060	6
600:	34.172	.0293	34.224	34.139	6
700:	34.243	.0400	34.317	34.202	6
800:	34.300	.0363	34.367	34.265	6
900:	34.347	.0385	34.420	34.313	6
1000:	34.381	.0249	34.422	34.348	6
1200:	34.443	.0268	34.489	34.405	6
1500:	34.514	.0306	34.576	34.477	6
2000:	34.594	----- N/A -----			1
2500:	34.638	----- N/A -----			1
3000:	34.664	----- N/A -----			1
3500:	34.677	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.770	.1077	25.915	25.598	6
10:	25.757	.0879	25.839	25.597	6
20:	25.756	.0886	25.840	25.595	6
30:	25.757	.0882	25.840	25.596	6
50:	25.757	.0892	25.849	25.597	6
75:	25.766	.0936	25.849	25.597	6
100:	25.787	.1015	25.870	25.604	6
125:	26.250	.1556	26.466	26.055	6
150:	26.544	.0991	26.668	26.373	6
175:	26.682	.0835	26.765	26.651	6
200:	26.753	.0383	26.812	26.717	6
225:	26.798	.0367	26.855	26.762	6
250:	26.836	.0323	26.878	26.803	6
300:	26.905	.0383	26.953	26.871	6
400:	27.015	.0368	27.065	26.972	6
500:	27.106	.0335	27.158	27.075	6
600:	27.187	.0279	27.234	27.161	6
700:	27.261	.0347	27.323	27.228	6
800:	27.322	.0320	27.378	27.291	6
900:	27.375	.0331	27.435	27.340	6
1000:	27.418	.0222	27.451	27.386	6
1200:	27.491	.0222	27.527	27.457	6
1500:	27.575	.0254	27.620	27.542	6
2000:	27.671	----- N/A -----			1
2500:	27.723	----- N/A -----			1
3000:	27.755	----- N/A -----			1
3500:	27.768	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	223.4	10.24	239.8	209.7	6
10:	224.8	8.41	240.1	216.9	6
20:	224.9	8.44	240.3	216.9	6
30:	225.0	8.44	240.4	217.0	6
50:	225.2	8.57	240.6	216.3	6
75:	224.6	9.01	240.9	216.5	6
100:	222.8	9.77	240.5	214.9	6
125:	179.1	14.66	197.4	158.7	6
150:	151.5	9.38	167.7	139.8	6
175:	138.8	4.20	141.9	130.9	6
200:	132.2	3.80	135.6	126.6	6
225:	128.1	3.69	131.5	122.6	6
250:	124.6	3.20	127.8	120.5	6
300:	118.4	3.76	121.7	113.5	6
400:	108.6	3.54	112.7	104.0	6
500:	100.7	3.28	103.8	95.7	6
600:	93.6	2.68	96.1	89.2	6
700:	87.1	3.31	90.3	81.3	6
800:	81.8	3.67	84.9	76.6	6
900:	77.2	3.12	80.7	71.7	6
1000:	73.5	2.14	76.6	70.4	6
1200:	67.1	2.09	70.4	63.8	6
1500:	59.9	2.41	63.1	55.7	6
2000:	51.5	----- N/A -----			1
2500:	47.4	----- N/A -----			1
3000:	45.1	----- N/A -----			1
3500:	45.0	----- N/A -----			1

FEBRUARY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	5.72	.714	6.85	4.63	6
10:	5.74	.730	6.86	4.63	6
20:	5.75	.736	6.87	4.62	6
30:	5.74	.733	6.86	4.62	6
50:	5.75	.739	6.86	4.61	6
75:	5.69	.730	6.85	4.60	6
100:	5.69	.736	6.85	4.58	6
125:	5.26	.372	5.70	4.60	6
150:	5.15	.416	5.66	4.40	6
175:	5.18	.570	5.83	4.18	6
200:	4.98	.535	5.48	4.01	6
225:	4.75	.456	5.15	3.90	6
250:	4.55	.367	4.85	3.85	6
300:	4.23	.257	4.40	3.72	6
400:	3.96	.181	4.11	3.62	6
500:	3.76	.129	3.90	3.53	6
600:	3.59	.078	3.67	3.47	6
700:	3.41	.063	3.49	3.30	6
800:	3.23	.063	3.33	3.15	6
900:	3.06	.053	3.15	3.02	6
1000:	2.88	.043	2.95	2.82	6
1200:	2.60	.025	2.64	2.57	6
1500:	2.26	.029	2.30	2.22	6
2000:	1.83	----- N/A -----			1
2500:	1.58	----- N/A -----			1
3000:	1.38	----- N/A -----			1
3500:	1.29	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	223.4	10.24	239.8	209.7	6
10:	224.7	8.39	239.9	216.8	6
20:	224.7	8.42	240.0	216.7	6
30:	224.7	8.42	240.0	216.7	6
50:	224.6	8.53	239.9	215.8	6
75:	223.7	8.42	239.8	215.8	6
100:	221.7	9.64	239.1	213.8	6
125:	177.7	14.77	196.2	157.2	6
150:	149.8	9.44	166.1	138.0	6
175:	136.7	4.12	139.6	128.8	6
200:	129.9	3.64	133.4	124.3	6
225:	125.6	3.45	129.6	120.2	6
250:	122.1	3.04	125.2	118.1	6
300:	115.5	3.63	118.7	110.9	6
400:	104.9	3.49	109.6	100.2	6
500:	96.3	3.21	99.3	91.3	6
600:	88.5	2.63	91.6	84.1	6
700:	81.5	3.28	84.6	75.6	6
800:	75.6	3.01	78.6	70.8	6
900:	70.6	3.14	73.9	64.9	6
1000:	66.5	2.11	69.5	63.3	6
1200:	59.4	2.09	62.6	56.0	6
1500:	51.4	2.42	54.5	47.1	6
2000:	42.1	----- N/A -----			1
2500:	36.9	----- N/A -----			1
3000:	33.6	----- N/A -----			1
3500:	32.0	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	6
10:	.22	.008	.24	.22	6
20:	.45	.018	.48	.43	6
30:	.67	.024	.72	.65	6
50:	1.13	.040	1.20	1.09	6
75:	1.69	.058	1.80	1.64	6
100:	2.24	.085	2.40	2.17	6
125:	2.76	.107	2.96	2.69	6
150:	3.17	.126	3.41	3.06	6
175:	3.53	.137	3.79	3.40	6
200:	3.87	.143	4.14	3.72	6
225:	4.19	.149	4.47	4.03	6
250:	4.51	.152	4.79	4.34	6
300:	5.11	.160	5.40	4.92	6
400:	6.25	.179	6.54	6.01	6
500:	7.29	.215	7.62	7.00	6
600:	8.26	.238	8.61	7.93	6
700:	9.17	.264	9.53	8.78	6
800:	10.01	.293	10.39	9.57	6
900:	10.80	.320	11.20	10.31	6
1000:	11.56	.343	11.96	11.02	6
1200:	12.96	.384	13.39	12.36	6
1500:	14.86	.436	15.29	14.14	6
2000:	17.61	----- N/A -----			1
2500:	20.07	----- N/A -----			1
3000:	22.38	----- N/A -----			1
3500:	24.62	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	6
10:	.01	.000	.01	.01	6
20:	.05	.005	.05	.04	6
30:	.10	.004	.11	.10	6
50:	.29	.012	.31	.28	6
75:	.65	.021	.69	.63	6
100:	1.14	.048	1.23	1.10	6
125:	1.73	.070	1.86	1.67	6
150:	2.30	.105	2.49	2.19	6
175:	2.90	.128	3.13	2.75	6
200:	3.55	.137	3.78	3.36	6
225:	4.25	.144	4.49	4.04	6
250:	5.01	.159	5.27	4.77	6
300:	6.71	.194	6.99	6.40	6
400:	10.76	.292	11.06	10.30	6
500:	15.54	.466	16.06	14.82	6
600:	20.98	.630	21.59	20.00	6
700:	26.97	.822	27.67	25.64	6
800:	33.42	1.053	34.34	31.71	6
900:	40.31	1.319	41.50	38.10	6
1000:	47.59	1.555	49.12	45.00	6
1200:	63.33	2.053	65.63	59.95	6
1500:	89.47	2.895	93.03	84.42	6
2000:	138.82	----- N/A -----			1
2500:	195.17	----- N/A -----			1
3000:	259.94	----- N/A -----			1
3500:	334.10	----- N/A -----			1

FEBRUARY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.76	----- N/A -----			1
10:	6.76	----- N/A -----			1
20:	6.77	----- N/A -----			1
30:	6.77	----- N/A -----			1
50:	6.75	----- N/A -----			1
75:	6.78	----- N/A -----			1
100:	6.77	----- N/A -----			1
125:	5.74	----- N/A -----			1
150:	4.68	----- N/A -----			1
175:	3.90	----- N/A -----			1
200:	4.56	----- N/A -----			1
225:	3.87	----- N/A -----			1
250:	3.24	----- N/A -----			1
300:	2.66	----- N/A -----			1
400:	1.80	----- N/A -----			1
500:	1.15	----- N/A -----			1
600:	1.04	----- N/A -----			1
700:	.95	----- N/A -----			1
800:	.81	----- N/A -----			1
900:	.64	----- N/A -----			1
1000:	.49	----- N/A -----			1
1200:	.53	----- N/A -----			1
1500:	.62	----- N/A -----			1
2000:	1.24	----- N/A -----			1
2500:	1.79	----- N/A -----			1
3000:	2.44	----- N/A -----			1
3500:	2.67	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1470	2.9	1475	1466	6
10:	1471	3.3	1476	1466	6
20:	1471	3.0	1476	1467	6
30:	1471	2.9	1476	1467	6
50:	1471	2.9	1476	1467	6
75:	1472	3.2	1477	1467	6
100:	1472	2.9	1477	1468	6
125:	1471	1.7	1474	1469	6
150:	1472	1.7	1474	1469	6
175:	1473	2.4	1476	1469	6
200:	1472	2.6	1475	1468	6
225:	1472	1.8	1474	1469	6
250:	1471	1.5	1473	1469	6
300:	1471	1.2	1472	1469	6
400:	1472	.8	1473	1471	6
500:	1472	.4	1473	1472	6
600:	1473	.4	1474	1473	6
700:	1475	.0	1475	1475	6
800:	1476	.0	1476	1476	6
900:	1477	.0	1477	1477	6
1000:	1478	.0	1478	1478	6
1200:	1480	.0	1480	1480	6
1500:	1484	.0	1484	1484	6
2000:	1491	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.559	.3422	11.959	11.023	6
10:	11.333	.3371	11.719	10.799	6
20:	11.109	.3308	11.479	10.579	6
30:	10.882	.3251	11.238	10.356	6
50:	10.431	.3141	10.758	9.912	6
75:	9.867	.3007	10.156	9.356	6
100:	9.313	.2863	9.554	8.809	6
125:	8.803	.2777	9.042	8.332	6
150:	8.390	.2682	8.646	7.958	6
175:	8.028	.2575	8.286	7.621	6
200:	7.690	.2487	7.945	7.301	6
225:	7.367	.2400	7.615	6.988	6
250:	7.051	.2313	7.294	6.686	6
300:	6.445	.2151	6.679	6.102	6
400:	5.310	.1816	5.494	5.009	6
500:	4.267	.1454	4.418	4.023	6
600:	3.295	.1171	3.419	3.096	6
700:	2.392	.0866	2.486	2.245	6
800:	1.568	.0567	1.614	1.451	6
900:	.752	.0251	.786	.713	6
1000:	.000	.0000	.000	.000	6
1200:	-1.403	.0467	-1.333	-1.473	6
1500:	-3.304	.1121	-3.115	-3.464	6
2000:	-6.066	----- N/A -----			1
2500:	-8.523	----- N/A -----			1
3000:	-10.834	----- N/A -----			1
3500:	-13.071	----- N/A -----			1

MARCH

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	5.96	.602	6.83	5.20	8
10:	6.19	.585	7.04	5.45	8
20:	6.17	.605	7.05	5.41	8
30:	6.15	.616	7.05	5.39	8
50:	6.12	.621	7.04	5.39	8
75:	6.03	.569	6.90	5.38	8
100:	5.75	.386	6.47	5.35	8
125:	5.31	.344	5.72	4.82	8
150:	5.39	.300	5.63	4.72	8
175:	5.23	.380	5.66	4.48	8
200:	4.93	.424	5.36	4.14	8
225:	4.72	.423	5.21	3.96	8
250:	4.53	.452	5.18	3.80	8
300:	4.29	.387	4.84	3.70	8
400:	4.00	.186	4.32	3.68	8
500:	3.83	.104	4.01	3.71	8
600:	3.67	.076	3.79	3.58	8
700:	3.47	.049	3.55	3.41	8
800:	3.27	.039	3.36	3.24	8
900:	3.11	.052	3.23	3.07	8
1000:	2.97	.060	3.11	2.91	8
1200:	2.67	.032	2.73	2.63	8
1500:	2.33	.039	2.40	2.30	8
2000:	1.96	.021	1.98	1.95	2
2500:	1.74	----- N/A -----			1
3000:	1.58	----- N/A -----			1
3500:	1.52	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.711	.0818	32.860	32.630	8
10:	32.697	.0806	32.822	32.603	8
20:	32.699	.0796	32.818	32.602	8
30:	32.700	.0796	32.816	32.602	8
50:	32.694	.0799	32.818	32.599	8
75:	32.702	.0847	32.834	32.600	8
100:	32.936	.2885	33.469	32.618	8
125:	33.313	.3375	33.770	32.883	8
150:	33.675	.1864	33.836	33.305	8
175:	33.765	.1170	33.845	33.498	8
200:	33.845	.0733	33.860	33.647	8
225:	33.843	.0515	33.871	33.720	8
250:	33.864	.0374	33.900	33.782	8
300:	33.904	.0219	33.920	33.857	8
400:	34.040	.0239	34.082	33.977	8
500:	34.110	.0277	34.149	34.072	8
600:	34.160	.0210	34.205	34.149	8
700:	34.247	.0187	34.270	34.220	8
800:	34.299	.0159	34.320	34.272	8
900:	34.341	.0165	34.364	34.310	8
1000:	34.378	.0135	34.401	34.355	8
1200:	34.439	.0112	34.453	34.420	8
1500:	34.507	.0236	34.541	34.470	6
2000:	34.601	.0064	34.606	34.596	2
2500:	34.654	----- N/A -----			1
3000:	34.664	----- N/A -----			1
3500:	34.682	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.774	.1072	25.912	25.608	8
10:	25.733	.1231	25.923	25.576	8
20:	25.738	.1238	25.925	25.586	8
30:	25.741	.1248	25.925	25.588	8
50:	25.739	.1270	25.927	25.575	8
75:	25.758	.1239	25.984	25.618	8
100:	25.977	.2458	26.400	25.667	8
125:	26.327	.2399	26.691	25.995	8
150:	26.603	.1208	26.705	26.388	8
175:	26.709	.0688	26.766	26.566	8
200:	26.775	.0398	26.824	26.720	8
225:	26.812	.0344	26.864	26.770	8
250:	26.849	.0313	26.893	26.806	8
300:	26.907	.0311	26.933	26.861	8
400:	27.014	.0308	27.048	26.962	8
500:	27.118	.0308	27.152	27.070	8
600:	27.190	.0239	27.217	27.153	8
700:	27.263	.0187	27.287	27.234	8
800:	27.323	.0124	27.341	27.305	8
900:	27.372	.0135	27.393	27.351	8
1000:	27.414	.0124	27.438	27.398	8
1200:	27.489	.0092	27.504	27.474	8
1500:	27.572	.0194	27.603	27.544	6
2000:	27.677	.0071	27.682	27.672	2
2500:	27.737	----- N/A -----			1
3000:	27.756	----- N/A -----			1
3500:	27.776	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	223.1	10.18	238.8	210.0	8
10:	227.1	11.70	242.0	209.0	8
20:	226.7	11.79	241.2	208.9	8
30:	226.5	11.88	241.1	209.0	8
50:	226.9	12.15	242.7	209.0	8
75:	225.4	11.85	238.9	207.9	8
100:	204.9	23.34	232.6	164.8	8
125:	171.9	22.66	203.3	142.2	8
150:	146.0	11.36	166.2	136.4	8
175:	136.2	6.45	149.4	130.8	8
200:	130.1	3.76	134.9	125.4	8
225:	126.7	3.36	131.0	121.7	8
250:	123.4	3.17	127.8	119.1	8
300:	118.2	3.20	123.0	115.6	8
400:	108.7	3.08	114.0	105.4	8
500:	99.6	2.99	104.3	96.4	8
600:	93.4	2.36	97.1	90.7	8
700:	87.0	1.82	89.9	84.7	8
800:	81.7	1.18	83.3	80.0	8
900:	77.5	1.29	79.4	75.5	8
1000:	73.9	1.25	75.5	71.5	8
1200:	67.3	.89	68.7	65.8	8
1500:	60.0	1.62	62.6	57.1	6
2000:	50.9	.71	51.4	50.4	2
2500:	46.1	----- N/A -----			1
3000:	44.8	----- N/A -----			1
3500:	44.0	----- N/A -----			1

MARCH

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	5.96	.602	6.83	5.20	8
10:	6.19	.585	7.04	5.45	8
20:	6.17	.605	7.05	5.41	8
30:	6.15	.616	7.05	5.39	8
50:	6.12	.621	7.03	5.38	8
75:	6.02	.572	6.90	5.37	8
100:	5.74	.386	6.46	5.39	8
125:	5.50	.344	5.71	4.81	8
150:	5.38	.301	5.62	4.71	8
175:	5.21	.379	5.64	4.47	8
200:	4.91	.429	5.37	4.12	8
225:	4.70	.425	5.20	3.94	8
250:	4.51	.452	5.16	3.78	8
300:	4.27	.387	4.82	3.68	8
400:	3.97	.186	4.29	3.65	8
500:	3.80	.105	3.98	3.67	8
600:	3.62	.077	3.75	3.53	8
700:	3.42	.049	3.50	3.36	8
800:	3.22	.040	3.30	3.18	8
900:	3.05	.053	3.17	3.01	8
1000:	2.90	.060	3.04	2.84	8
1200:	2.59	.030	2.64	2.55	8
1500:	2.23	.041	2.30	2.19	6
2000:	1.82	.021	1.84	1.81	2
2500:	1.56	----- N/A -----			1
3000:	1.36	----- N/A -----			1
3500:	1.25	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	243.1	10.18	258.8	230.0	8
10:	226.9	11.69	241.8	208.9	8
20:	226.4	11.77	240.9	208.7	8
30:	226.1	11.87	240.7	208.6	8
50:	226.3	12.07	242.0	208.5	8
75:	224.5	11.77	237.8	207.0	8
100:	203.7	23.35	231.2	163.5	8
125:	170.4	26.78	202.0	140.6	8
150:	148.2	11.49	164.7	134.5	8
175:	134.1	6.52	147.7	128.7	8
200:	127.9	3.78	133.1	123.2	8
225:	124.3	3.26	128.3	119.4	8
250:	120.8	2.97	124.9	116.6	8
300:	115.7	2.98	119.7	112.8	8
400:	105.1	2.93	110.0	101.8	8
500:	95.1	2.90	99.7	91.9	8
600:	88.7	2.28	91.8	85.7	8
700:	81.3	1.76	84.1	79.1	8
800:	75.6	1.18	77.3	73.9	8
900:	70.9	1.26	72.9	68.9	8
1000:	66.8	1.17	68.3	64.6	8
1200:	59.7	.88	61.1	58.3	8
1500:	51.7	1.85	54.4	48.8	6
2000:	41.5	.71	42.0	41.0	2
2500:	35.6	----- N/A -----			1
3000:	33.5	----- N/A -----			1
3500:	31.4	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	8
10:	.23	.011	.24	.21	8
20:	.45	.022	.48	.42	8
30:	.68	.035	.72	.63	8
50:	1.13	.056	1.20	1.05	8
75:	1.70	.088	1.81	1.57	8
100:	2.24	.123	2.40	2.09	8
125:	2.71	.166	2.92	2.50	8
150:	3.11	.204	3.35	2.85	8
175:	3.46	.217	3.72	3.19	8
200:	3.79	.227	4.05	3.51	8
225:	4.11	.234	4.38	3.84	8
250:	4.42	.240	4.70	4.15	8
300:	5.02	.248	5.31	4.75	8
400:	6.16	.269	6.47	5.86	8
500:	7.20	.295	7.55	6.88	8
600:	8.17	.313	8.54	7.81	8
700:	9.07	.322	9.46	8.69	8
800:	9.91	.332	10.31	9.52	8
900:	10.71	.335	11.10	10.31	8
1000:	11.46	.340	11.86	11.06	8
1200:	12.87	.341	13.25	12.47	8
1500:	14.63	.314	15.15	14.34	6
2000:	17.47	.658	17.94	17.01	2
2500:	19.39	----- N/A -----			1
3000:	21.66	----- N/A -----			1
3500:	23.88	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	8
10:	.01	.000	.01	.01	8
20:	.05	.005	.05	.04	8
30:	.10	.005	.11	.10	8
50:	.29	.014	.31	.27	8
75:	.65	.032	.69	.60	8
100:	1.13	.069	1.23	1.06	8
125:	1.67	.129	1.82	1.47	8
150:	2.22	.183	2.42	1.96	8
175:	2.80	.209	3.07	2.52	8
200:	3.44	.228	3.75	3.15	8
225:	4.13	.241	4.45	3.85	8
250:	4.89	.256	5.21	4.58	8
300:	6.58	.272	6.86	6.25	8
400:	10.63	.357	11.06	10.21	8
500:	15.40	.491	16.00	14.87	8
600:	20.81	.611	21.65	20.13	8
700:	26.78	.712	27.79	25.96	8
800:	33.22	.801	34.43	32.27	8
900:	40.10	.856	41.42	39.13	8
1000:	47.43	.955	48.83	46.26	8
1200:	63.21	1.090	64.75	61.63	8
1500:	88.73	1.385	90.40	86.78	6
2000:	137.14	3.932	139.92	134.36	2
2500:	189.10	----- N/A -----			1
3000:	252.69	----- N/A -----			1
3500:	326.18	----- N/A -----			1

MARCH

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.14	----- N/A -----			1
10:	7.16	----- N/A -----			1
20:	7.14	----- N/A -----			1
30:	7.13	----- N/A -----			1
50:	7.11	----- N/A -----			1
75:	7.11	----- N/A -----			1
100:	7.08	----- N/A -----			1
125:	6.23	----- N/A -----			1
150:	4.25	----- N/A -----			1
175:	3.74	----- N/A -----			1
200:	3.41	----- N/A -----			1
225:	3.20	----- N/A -----			1
250:	2.90	----- N/A -----			1
300:	2.26	----- N/A -----			1
400:	1.49	----- N/A -----			1
500:	.97	----- N/A -----			1
600:	.79	----- N/A -----			1
700:	.63	----- N/A -----			1
800:	.56	----- N/A -----			1
900:	.54	----- N/A -----			1
1000:	.52	----- N/A -----			1
1200:	.48	----- N/A -----			1
1500:	.69	----- N/A -----			1
2000:	1.40	----- N/A -----			1
2500:	2.12	----- N/A -----			1
3000:	2.75	----- N/A -----			1
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1471	2.3	1475	1469	8
10:	1472	2.2	1476	1470	8
20:	1472	2.2	1476	1470	8
30:	1473	2.5	1477	1470	8
50:	1473	2.5	1477	1471	8
75:	1473	2.4	1477	1471	8
100:	1473	1.7	1476	1471	8
125:	1472	1.6	1474	1470	8
150:	1473	1.4	1474	1470	8
175:	1473	1.7	1475	1470	8
200:	1472	1.7	1474	1469	8
225:	1472	1.6	1474	1469	8
250:	1471	2.0	1474	1468	8
300:	1471	1.7	1474	1469	8
400:	1472	.6	1473	1471	8
500:	1473	.5	1474	1473	8
600:	1474	.5	1475	1474	8
700:	1475	.0	1475	1475	8
800:	1476	.0	1476	1476	8
900:	1477	.0	1477	1477	8
1000:	1478	.4	1479	1478	8
1200:	1480	.0	1480	1480	8
1500:	1484	.0	1484	1484	6
2000:	1491	.0	1491	1491	2
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.464	.3408	11.857	11.058	8
10:	11.238	.3319	11.618	10.836	8
20:	11.011	.3209	11.380	10.618	8
30:	10.784	.3101	11.141	10.396	8
50:	10.331	.2865	10.663	9.963	8
75:	9.764	.2582	10.066	9.417	8
100:	9.221	.2216	9.483	8.920	8
125:	8.751	.1942	9.026	8.526	8
150:	8.357	.1770	8.626	8.141	8
175:	8.006	.1722	8.275	7.806	8
200:	7.674	.1685	7.940	7.485	8
225:	7.354	.1614	7.613	7.172	8
250:	7.041	.1537	7.291	6.865	8
300:	6.439	.1419	6.672	6.272	8
400:	5.360	.1077	5.471	5.167	8
500:	4.261	.0809	4.380	4.154	8
600:	3.296	.0563	3.369	3.214	8
700:	2.395	.0387	2.441	2.338	8
800:	1.552	.0247	1.582	1.511	8
900:	.757	.0137	.773	.734	8
1000:	.000	.0000	.000	.000	8
1200:	-1.406	.0231	-1.370	-1.443	8
1500:	-3.290	.0602	-3.201	-3.378	6
2000:	-5.990	.1709	-5.870	-6.111	2
2500:	-8.259	----- N/A -----			1
3000:	-10.527	----- N/A -----			1
3500:	-12.746	----- N/A -----			1

APRIL

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.16	.536	7.00	5.56	12
10:	6.03	.454	6.82	5.56	12
20:	5.98	.463	6.78	5.53	12
30:	5.93	.474	6.78	5.34	12
50:	5.82	.484	6.78	5.19	12
75:	5.71	.429	6.64	5.11	12
100:	5.39	.378	6.16	4.84	12
125:	5.19	.261	5.57	4.74	12
150:	5.19	.507	5.98	4.42	12
175:	5.08	.616	6.13	4.35	12
200:	4.85	.568	6.04	4.21	12
225:	4.67	.550	5.93	4.03	12
250:	4.56	.577	5.81	3.88	12
300:	4.25	.435	5.46	3.70	12
400:	3.94	.225	4.37	3.65	11
500:	3.80	.119	4.00	3.59	10
600:	3.64	.101	3.76	3.41	10
700:	3.46	.086	3.59	3.29	10
800:	3.30	.077	3.39	3.15	10
900:	3.13	.060	3.21	3.03	10
1000:	2.95	.053	3.03	2.85	10
1200:	2.68	.046	2.76	2.61	10
1500:	2.35	.043	2.41	2.27	10
2000:	1.92	.035	1.95	1.90	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.655	.0897	32.834	32.476	12
10:	32.652	.0927	32.847	32.490	12
20:	32.652	.0908	32.837	32.492	12
30:	32.655	.0898	32.833	32.493	12
50:	32.659	.0928	32.847	32.494	12
75:	32.669	.0909	32.847	32.495	12
100:	32.735	.1019	32.904	32.561	12
125:	33.163	.2370	33.388	32.757	12
150:	33.561	.1618	33.818	33.300	12
175:	33.721	.0919	33.887	33.583	12
200:	33.787	.0871	33.927	33.687	12
225:	33.821	.0866	33.947	33.732	12
250:	33.851	.0516	33.959	33.772	12
300:	33.869	.0385	33.906	33.829	12
400:	34.004	.0269	34.038	33.966	11
500:	34.100	.0206	34.136	34.073	10
600:	34.180	.0168	34.208	34.155	10
700:	34.245	.0140	34.268	34.224	10
800:	34.303	.0151	34.321	34.275	10
900:	34.348	[illegible]	34.367	34.329	10
1000:	34.388	[illegible]	34.406	34.376	10
1200:	34.445	.0088	34.461	34.430	10
1500:	34.514	.0119	34.535	34.498	10
2000:	34.610	.0318	34.633	34.588	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.705	.1143	25.891	25.484	12
10:	25.719	.1073	25.894	25.497	12
20:	25.724	.1059	25.888	25.502	12
30:	25.733	.1070	25.886	25.500	12
50:	25.749	.1123	25.900	25.501	12
75:	25.771	.1031	25.900	25.519	12
100:	25.861	.0906	25.957	25.633	12
125:	26.222	.1907	26.400	25.882	12
150:	26.535	.1396	26.700	26.265	12
175:	26.673	.0744	26.784	26.532	12
200:	26.752	.0509	26.828	26.655	12
225:	26.800	.0400	26.868	26.742	12
250:	26.835	.0417	26.903	26.776	12
300:	26.898	.0421	26.959	26.832	12
400:	27.023	.0304	27.086	26.957	11
500:	27.114	.0229	27.144	27.072	10
600:	27.194	.0208	27.219	27.161	10
700:	27.262	.0170	27.285	27.235	10
800:	27.323	.0165	27.342	27.293	10
900:	27.376	.0122	27.396	27.358	10
1000:	27.423	.0097	27.438	27.409	10
1200:	27.494	.0092	27.507	27.475	10
1500:	27.576	.0117	27.593	27.557	10
2000:	27.687	.0276	27.707	27.668	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	229.6	10.89	250.7	211.9	12
10:	228.4	10.27	249.5	211.7	12
20:	228.0	10.07	249.1	212.4	12
30:	227.3	10.19	249.5	212.4	12
50:	225.9	10.74	249.7	211.6	12
75:	224.1	9.89	248.2	211.9	12
100:	215.7	8.65	237.6	206.7	12
125:	181.7	16.10	214.1	164.7	12
150:	152.3	13.29	178.2	136.9	12
175:	139.5	7.17	153.3	129.0	12
200:	132.3	4.98	141.8	125.0	12
225:	127.9	3.98	133.7	121.3	12
250:	124.7	4.21	131.0	118.2	12
300:	119.0	4.21	126.0	113.1	12
400:	107.8	3.02	114.5	103.7	11
500:	100.0	2.24	104.1	97.1	10
600:	93.0	2.09	96.3	90.4	10
700:	87.1	1.70	89.8	85.1	10
800:	81.8	1.66	84.8	79.9	10
900:	77.2	1.24	79.0	75.2	10
1000:	73.0	.99	74.5	71.6	10
1200:	66.9	.95	68.8	65.8	10
1500:	59.7	1.19	61.7	58.1	10
2000:	49.8	2.69	51.7	47.9	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

APRIL

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.16	.536	7.00	5.56	12
10:	6.03	.452	6.81	5.56	12
20:	5.98	.464	6.78	5.52	12
30:	5.93	.475	6.78	5.33	12
50:	5.82	.481	6.77	5.18	12
75:	5.70	.429	6.63	5.10	12
100:	5.38	.376	6.15	4.84	12
125:	5.18	.261	5.56	4.73	12
150:	5.18	.505	5.96	4.41	12
175:	5.07	.612	6.11	4.34	12
200:	4.84	.568	6.02	4.20	12
225:	4.65	.549	5.91	4.02	12
250:	4.54	.577	5.79	3.86	12
300:	4.23	.436	5.38	3.68	12
400:	3.91	.223	4.34	3.62	11
500:	3.76	.117	3.96	3.56	10
600:	3.59	.100	3.72	3.37	10
700:	3.42	.084	3.54	3.25	10
800:	3.25	.075	3.34	3.10	10
900:	3.07	.058	3.14	2.97	10
1000:	2.89	.053	2.96	2.78	10
1200:	2.60	.044	2.67	2.53	10
1500:	2.24	.042	2.30	2.16	10
2000:	1.78	.035	1.81	1.76	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	229.6	10.89	250.7	211.9	12
10:	228.3	10.21	249.4	211.6	12
20:	227.8	10.07	248.9	212.2	12
30:	226.9	10.16	248.1	212.4	12
50:	225.4	10.69	249.0	211.0	12
75:	223.3	9.80	247.2	211.0	12
100:	214.6	8.63	236.4	205.5	12
125:	180.4	18.12	212.7	163.5	12
150:	150.6	13.23	176.3	135.0	12
175:	137.5	7.04	150.9	127.0	12
200:	130.1	4.82	139.2	122.8	12
225:	125.5	3.78	130.9	119.0	12
250:	122.1	3.92	127.6	115.7	12
300:	116.1	3.96	122.3	110.3	12
400:	104.2	2.88	110.5	100.2	11
500:	95.6	2.17	99.5	92.7	10
600:	87.9	1.97	91.0	85.5	10
700:	81.4	1.59	83.9	79.4	10
800:	75.5	1.58	78.4	73.7	10
900:	70.5	1.17	72.2	68.6	10
1000:	65.9	.92	67.3	64.6	10
1200:	59.2	.87	61.0	58.0	10
1500:	51.3	1.11	53.1	49.7	10
2000:	40.5	2.62	42.9	38.7	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	12
10:	.23	.012	.25	.21	12
20:	.46	.022	.50	.42	12
30:	.68	.030	.75	.64	12
50:	1.14	.052	1.25	1.06	12
75:	1.70	.077	1.87	1.59	12
100:	2.25	.100	2.50	2.13	12
125:	2.75	.107	3.01	2.60	12
150:	3.17	.119	3.41	2.98	12
175:	3.53	.133	3.77	3.31	12
200:	3.87	.145	4.10	3.62	12
225:	4.20	.150	4.42	3.93	12
250:	4.51	.155	4.73	4.23	12
300:	5.12	.165	5.33	4.81	12
400:	6.24	.192	6.56	5.90	11
500:	7.29	.217	7.62	6.91	10
600:	8.25	.234	8.62	7.85	10
700:	9.15	.247	9.54	8.73	10
800:	10.00	.260	10.39	9.55	10
900:	10.79	.267	11.19	10.33	10
1000:	11.54	.279	11.95	11.06	10
1200:	12.94	.293	13.37	12.44	10
1500:	14.82	.315	15.27	14.31	10
2000:	17.52	.799	18.09	16.96	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	12
10:	.01	.000	.01	.01	12
20:	.05	.004	.05	.04	12
30:	.10	.005	.11	.10	12
50:	.29	.014	.32	.27	12
75:	.65	.031	.72	.61	12
100:	1.14	.053	1.28	1.09	12
125:	1.71	.064	1.86	1.63	12
150:	2.30	.105	2.45	2.15	12
175:	2.90	.138	3.12	2.70	12
200:	3.54	.162	3.83	3.31	12
225:	4.25	.182	4.57	3.97	12
250:	5.01	.198	5.36	4.70	12
300:	6.72	.237	7.13	6.32	12
400:	10.14	.362	11.50	10.22	11
500:	15.53	.461	16.34	14.85	10
600:	20.93	.583	21.94	20.10	10
700:	26.90	.695	28.03	25.91	10
800:	33.34	.809	34.54	32.22	10
900:	40.22	.927	41.59	38.93	10
1000:	47.48	1.032	49.01	46.02	10
1200:	63.12	1.213	65.05	61.54	10
1500:	89.11	1.597	91.80	87.45	10
2000:	136.18	5.579	142.13	134.24	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

APRIL

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1472	2.2	1476	1470	12
10:	1472	1.8	1475	1470	12
20:	1472	1.8	1475	1470	12
30:	1472	1.7	1475	1470	12
50:	1472	1.8	1476	1470	12
75:	1472	1.7	1476	1470	12
100:	1471	1.6	1474	1469	12
125:	1471	1.2	1473	1470	12
150:	1472	2.1	1476	1469	12
175:	1472	2.6	1477	1469	12
200:	1472	2.3	1477	1469	12
225:	1471	2.3	1477	1469	12
250:	1471	2.4	1477	1469	12
300:	1471	1.8	1476	1469	12
400:	1471	.9	1474	1471	11
500:	1472	.6	1474	1472	10
600:	1474	.6	1475	1473	10
700:	1475	.5	1476	1474	10
800:	1475	.3	1476	1475	10
900:	1477	.0	1477	1477	10
1000:	1478	.0	1478	1478	10
1200:	1480	.3	1481	1480	10
1500:	1483	.3	1484	1483	10
2000:	1490	.7	1491	1490	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.541	.2760	11.952	11.060	10
10:	11.311	.2726	11.729	10.847	10
20:	11.082	.2679	11.506	10.636	10
30:	10.855	.2639	11.287	10.424	10
50:	10.401	.2533	10.837	10.000	10
75:	9.838	.2484	10.294	9.470	10
100:	9.287	.2517	9.748	8.931	10
125:	8.793	.2396	9.209	8.461	10
150:	8.378	.2149	8.700	8.064	10
175:	8.019	.1997	8.326	7.753	10
200:	7.682	.1874	7.984	7.436	10
225:	7.358	.1770	7.648	7.128	10
250:	7.044	.1678	7.318	6.829	10
300:	6.434	.1486	6.674	6.251	10
400:	5.291	.1067	5.471	5.157	10
500:	4.252	.0826	4.380	4.147	10
600:	3.267	.0614	3.380	3.208	10
700:	2.367	.0428	2.453	2.332	10
800:	1.545	.0262	1.583	1.507	10
900:	.750	.0116	.767	.732	10
1000:	.000	.0000	.000	.000	10
1200:	-1.394	.0194	-1.361	-1.429	10
1500:	-3.284	.0479	-3.212	-3.376	10
2000:	-6.050	.2192	-5.895	-6.205	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

MAY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.35	.801	9.00	6.11	20
10:	7.21	.669	8.35	6.11	20
20:	7.07	.673	8.09	6.06	20
30:	6.91	.637	7.95	5.89	20
50:	6.46	.531	7.26	5.29	20
75:	5.92	.539	6.87	5.06	20
100:	5.51	.403	6.11	4.70	20
125:	5.22	.382	5.98	4.69	20
150:	5.27	.417	5.93	4.58	20
175:	5.09	.417	5.99	4.50	20
200:	4.90	.432	5.90	4.27	20
225:	4.68	.418	5.73	4.09	20
250:	4.51	.399	5.50	3.96	20
300:	4.24	.261	4.87	3.87	20
400:	3.95	.117	4.24	3.81	20
500:	3.79	.102	4.02	3.63	20
600:	3.61	.096	3.87	3.47	20
700:	3.43	.089	3.64	3.30	20
800:	3.26	.077	3.45	3.11	20
900:	3.10	.067	3.27	2.98	20
1000:	2.95	.058	3.11	2.87	20
1200:	2.66	.049	2.75	2.60	18
1500:	2.34	.036	2.41	2.28	17
2000:	1.96	.026	1.99	1.94	3
2500:	1.71	.021	1.73	1.70	2
3000:	1.57	.021	1.59	1.56	2
3500:	1.52	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.658	.0853	32.832	32.535	20
10:	32.655	.0852	32.810	32.515	20
20:	32.655	.0883	32.810	32.507	20
30:	32.657	.0887	32.810	32.513	20
50:	32.670	.0902	32.810	32.516	20
75:	32.697	.0950	32.852	32.554	20
100:	32.800	.1663	33.252	32.590	20
125:	33.161	.2980	33.727	32.743	20
150:	33.588	.1455	33.861	33.340	20
175:	33.749	.0722	33.877	33.551	20
200:	33.809	.0584	33.928	33.643	20
225:	33.835	.0495	33.947	33.685	20
250:	33.856	.0452	33.963	33.720	20
300:	33.903	.0263	33.955	33.839	20
400:	34.005	.0246	34.038	33.949	20
500:	34.102	.0217	34.139	34.056	20
600:	34.182	.0219	34.212	34.134	20
700:	34.246	.0184	34.276	34.209	20
800:	34.302	.0206	34.349	34.264	20
900:	34.345	.0176	34.380	34.310	20
1000:	34.381	.0160	34.411	34.349	20
1200:	34.445	.0143	34.490	34.410	18
1500:	34.513	.0146	34.550	34.470	17
2000:	34.587	.0000	34.587	34.587	3
2500:	34.634	.0023	34.634	34.634	2
3000:	34.664	.0030	34.666	34.663	2
3500:	34.675	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.549	.1334	25.728	25.284	20
10:	25.566	.1263	25.750	25.343	20
20:	25.586	.1315	25.779	25.349	20
30:	25.609	.1281	25.796	25.409	20
50:	25.679	.1071	25.848	25.479	20
75:	25.767	.1108	25.948	25.606	20
100:	25.898	.1350	26.217	25.688	20
125:	26.216	.2068	26.639	25.914	20
150:	26.548	.1121	26.751	26.361	20
175:	26.695	.0620	26.794	26.576	20
200:	26.765	.0453	26.837	26.668	20
225:	26.810	.0390	26.867	26.725	20
250:	26.845	.0354	26.900	26.760	20
300:	26.912	.0319	26.956	26.825	20
400:	27.023	.0262	27.057	26.959	20
500:	27.117	.0231	27.147	27.073	20
600:	27.198	.0216	27.226	27.161	20
700:	27.266	.0192	27.298	27.228	20
800:	27.326	.0203	27.366	27.301	20
900:	27.375	.0175	27.409	27.349	20
1000:	27.419	.0169	27.446	27.387	20
1200:	27.494	.0165	27.535	27.464	18
1500:	27.576	.0166	27.609	27.540	17
2000:	27.666	.0018	27.668	27.664	3
2500:	27.723	.0023	27.724	27.722	2
3000:	27.757	.0022	27.757	27.757	2
3500:	27.770	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	244.4	12.18	269.7	227.4	20
10:	242.9	12.03	264.2	225.4	20
20:	241.2	12.54	263.8	222.8	20
30:	239.2	12.45	258.2	221.3	20
50:	232.7	10.42	251.8	216.5	20
75:	224.6	10.58	240.0	207.3	20
100:	212.3	14.82	234.3	182.1	20
125:	182.3	19.54	210.8	142.3	20
150:	151.1	10.63	169.0	131.9	20
175:	137.4	5.47	149.1	127.9	20
200:	131.0	4.39	140.7	124.0	20
225:	127.0	3.62	135.5	121.3	20
250:	123.7	3.50	131.4	118.3	20
300:	117.7	3.15	126.3	113.3	20
400:	107.8	2.54	114.1	104.5	20
500:	99.7	2.25	103.8	96.9	20
600:	92.6	2.12	96.2	89.7	20
700:	86.6	1.90	90.6	83.5	20
800:	81.4	2.01	83.9	77.4	20
900:	77.1	1.74	79.7	73.9	20
1000:	73.4	1.57	76.5	70.8	20
1200:	66.8	1.58	69.7	63.1	18
1500:	59.7	1.58	63.0	56.5	17
2000:	51.9	.29	52.2	51.7	3
2500:	47.1	.21	47.3	47.0	2
3000:	44.7	.10	44.8	44.6	2
3500:	44.5	----- N/A -----			1

MAY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.35	.801	9.00	6.11	20
10:	7.21	.689	8.35	6.11	20
20:	7.07	.674	8.09	6.06	20
30:	6.91	.637	7.95	5.89	20
50:	6.45	.532	7.26	5.28	20
75:	5.97	.539	6.87	5.05	20
100:	5.50	.403	6.10	4.69	20
125:	5.21	.381	5.96	4.68	20
150:	5.26	.415	5.91	4.57	20
175:	5.08	.417	5.97	4.49	20
200:	4.88	.432	5.89	4.45	20
225:	4.67	.419	5.71	4.07	20
250:	4.49	.399	5.48	3.99	20
300:	4.22	.262	4.85	3.85	20
400:	3.92	.116	4.21	3.78	20
500:	3.75	.100	3.98	3.60	20
600:	3.57	.095	3.83	3.43	20
700:	3.38	.089	3.59	3.25	20
800:	3.21	.079	3.40	3.05	20
900:	3.04	.066	3.21	2.92	20
1000:	2.88	.058	3.04	2.80	20
1200:	2.58	.042	2.66	2.52	18
1500:	2.24	.036	2.31	2.18	17
2000:	1.82	.026	1.85	1.80	3
2500:	1.53	.021	1.55	1.52	2
3000:	1.35	.021	1.37	1.34	2
3500:	1.25	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	244.4	12.68	269.7	227.8	20
10:	242.8	12.02	264.1	225.3	20
20:	241.0	12.51	263.5	222.6	20
30:	238.7	12.18	257.7	220.9	20
50:	232.0	10.17	251.6	216.0	20
75:	223.7	10.52	239.0	206.5	20
100:	211.2	12.82	231.2	190.9	20
125:	180.9	19.64	209.6	140.8	20
150:	149.4	10.63	167.1	130.2	20
175:	135.4	5.90	146.7	126.0	20
200:	128.8	4.28	137.9	122.0	20
225:	124.6	3.68	132.5	119.1	20
250:	121.1	3.35	129.2	116.0	20
300:	114.8	3.07	123.0	110.6	20
400:	104.2	2.46	110.3	101.0	20
500:	95.3	2.18	99.4	92.4	20
600:	87.5	2.04	91.0	84.9	20
700:	81.0	1.80	84.6	78.0	20
800:	75.3	1.92	77.6	71.3	20
900:	70.5	1.65	73.6	67.4	20
1000:	66.4	1.50	69.4	63.8	20
1200:	59.2	1.55	62.0	55.5	16
1500:	51.3	1.56	54.7	48.2	17
2000:	42.5	.17	42.7	42.4	3
2500:	36.9	.14	37.0	36.8	2
3000:	33.4	.07	33.5	33.4	2
3500:	31.9	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	20
10:	.24	.013	.27	.23	20
20:	.49	.024	.53	.45	20
30:	.73	.037	.79	.68	20
50:	1.20	.058	1.31	1.12	20
75:	1.77	.080	1.92	1.66	20
100:	2.32	.105	2.50	2.15	20
125:	2.81	.123	3.01	2.57	20
150:	3.23	.141	3.42	2.90	20
175:	3.59	.157	3.81	3.22	20
200:	3.92	.162	4.15	3.54	20
225:	4.24	.170	4.49	3.89	20
250:	4.56	.174	4.81	4.14	20
300:	5.16	.184	5.43	4.72	20
400:	6.29	.200	6.58	5.81	20
500:	7.32	.212	7.65	6.84	20
600:	8.28	.227	8.63	7.78	20
700:	9.18	.242	9.54	8.65	20
800:	10.02	.253	10.40	9.48	20
900:	10.81	.267	11.21	10.27	20
1000:	11.56	.276	11.97	11.02	20
1200:	12.95	.311	13.39	12.41	18
1500:	14.83	.344	15.31	14.31	17
2000:	17.47	.453	17.96	17.07	3
2500:	19.98	.622	20.42	19.54	2
3000:	22.25	.615	22.69	21.82	2
3500:	24.91	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	20
10:	.01	.000	.01	.01	20
20:	.05	.000	.05	.05	20
30:	.11	.007	.12	.10	20
50:	.30	.015	.33	.28	20
75:	.67	.031	.73	.63	20
100:	1.15	.053	1.24	1.07	20
125:	1.72	.085	1.84	1.58	20
150:	2.30	.122	2.48	2.01	20
175:	2.90	.151	3.13	2.54	20
200:	3.54	.166	3.79	3.14	20
225:	4.23	.182	4.52	3.81	20
250:	4.99	.196	5.29	4.53	20
300:	6.69	.235	7.05	6.15	20
400:	10.70	.305	11.30	10.05	20
500:	15.45	.389	16.28	14.75	20
600:	20.63	.493	21.87	20.01	20
700:	26.76	.612	28.05	25.81	20
800:	33.18	.739	34.74	32.17	20
900:	40.04	.869	41.72	38.81	20
1000:	47.33	1.004	49.13	45.84	20
1200:	63.02	1.362	64.85	60.64	18
1500:	89.01	1.893	91.98	85.61	17
2000:	138.53	1.974	140.76	137.30	3
2500:	195.39	2.567	197.21	193.58	2
3000:	259.21	2.383	260.90	257.53	2
3500:	334.24	----- N/A -----			1

MAY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.21	----- N/A -----			1
10:	7.37	----- N/A -----			1
20:	7.35	----- N/A -----			1
30:	7.34	----- N/A -----			1
50:	7.35	----- N/A -----			1
75:	7.05	----- N/A -----			1
100:	6.33	----- N/A -----			1
125:	4.64	----- N/A -----			1
150:	3.91	----- N/A -----			1
175:	3.58	----- N/A -----			1
200:	3.30	----- N/A -----			1
225:	2.97	----- N/A -----			1
250:	2.86	----- N/A -----			1
300:	2.09	----- N/A -----			1
400:	1.44	----- N/A -----			1
500:	.94	----- N/A -----			1
600:	.69	----- N/A -----			1
700:	.59	----- N/A -----			1
800:	.53	----- N/A -----			1
900:	.50	----- N/A -----			1
1000:	.48	----- N/A -----			1
1200:	.49	----- N/A -----			1
1500:	.77	----- N/A -----			1
2000:	1.43	----- N/A -----			1
2500:	2.05	----- N/A -----			1
3000:	2.62	----- N/A -----			1
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1477	3.2	1484	1472	20
10:	1477	2.8	1482	1473	20
20:	1476	2.6	1480	1473	20
30:	1476	2.5	1480	1472	20
50:	1474	2.1	1478	1470	20
75:	1472	2.2	1477	1469	20
100:	1471	1.7	1474	1468	20
125:	1471	1.9	1475	1469	20
150:	1472	1.8	1475	1470	20
175:	1472	1.8	1476	1470	20
200:	1472	1.8	1476	1470	20
225:	1471	1.9	1476	1469	20
250:	1471	1.8	1476	1469	20
300:	1471	1.2	1474	1470	20
400:	1471	.6	1473	1471	20
500:	1472	.5	1474	1472	20
600:	1474	.5	1475	1473	20
700:	1474	.5	1476	1474	20
800:	1475	.4	1477	1475	20
900:	1477	.3	1478	1476	20
1000:	1478	.2	1479	1478	20
1200:	1480	.0	1480	1480	18
1500:	1484	.0	1484	1484	17
2000:	1490	.6	1491	1490	3
2500:	1498	.0	1498	1498	2
3000:	1506	.0	1506	1506	2
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.555	.2904	11.974	11.019	18
10:	11.313	.2841	11.724	10.789	18
20:	11.073	.2772	11.474	10.566	18
30:	10.833	.2704	11.229	10.340	18
50:	10.365	.2594	10.783	9.895	18
75:	9.795	.2479	10.239	9.354	18
100:	9.257	.2346	9.720	8.869	18
125:	8.763	.2158	9.217	8.453	18
150:	8.347	.1933	8.742	8.081	18
175:	7.988	.1795	8.348	7.735	18
200:	7.652	.1703	7.987	7.409	18
225:	7.331	.1605	7.642	7.106	18
250:	7.016	.1546	7.309	6.795	18
300:	6.410	.1422	6.660	6.195	18
400:	5.282	.1182	5.466	5.094	18
500:	4.244	.0960	4.379	4.090	18
600:	3.283	.0757	3.380	3.157	18
700:	2.386	.0561	2.458	2.283	18
800:	1.546	.0371	1.596	1.481	18
900:	.753	.0179	.781	.723	18
1000:	.000	.0000	.000	.000	18
1200:	-1.396	.0342	-1.321	-1.461	18
1500:	-3.288	.0752	-3.139	-3.435	17
2000:	-6.087	.0725	-6.038	-6.170	3
2500:	-8.576	.0778	-8.521	-8.631	2
3000:	-10.853	.0693	-10.804	-10.902	2
3500:	-13.115	----- N/A -----			1

JUNE

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.50	.723	10.80	8.27	16
10:	9.41	.682	10.26	8.27	16
20:	9.17	.717	10.21	7.85	16
30:	8.55	.840	9.96	6.96	16
50:	7.07	.542	7.86	5.88	16
75:	5.97	.548	6.76	5.05	16
100:	5.37	.413	5.98	4.49	16
125:	5.14	.444	5.81	4.33	16
150:	5.14	.439	5.72	4.42	16
175:	5.06	.471	5.85	4.13	16
200:	4.88	.448	5.75	4.05	16
225:	4.65	.356	5.21	3.98	16
250:	4.46	.322	4.99	3.88	16
300:	4.24	.219	4.66	3.83	16
400:	3.96	.085	4.17	3.79	14
500:	3.79	.058	3.91	3.65	14
600:	3.60	.037	3.65	3.52	14
700:	3.42	.035	3.49	3.36	14
800:	3.24	.048	3.31	3.14	14
900:	3.07	.037	3.15	3.00	14
1000:	2.92	.034	2.99	2.87	14
1200:	2.65	.033	2.75	2.61	14
1500:	2.34	.041	2.44	2.29	13
2000:	1.98	.069	1.99	1.90	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.802	.1073	32.810	32.620	16
10:	32.801	.1105	32.810	32.620	16
20:	32.806	.1147	32.820	32.620	16
30:	32.810	.1178	32.830	32.620	16
50:	32.849	.1125	32.853	32.630	16
75:	32.894	.1087	32.950	32.550	16
100:	32.841	.2784	33.510	32.589	16
125:	33.181	.3575	33.610	32.680	16
150:	33.442	.3499	33.670	32.840	16
175:	33.692	.1723	33.880	33.300	16
200:	33.781	.0718	33.880	33.624	16
225:	33.818	.0448	33.890	33.740	16
250:	33.842	.0375	33.896	33.757	16
300:	33.894	.0255	33.940	33.848	16
400:	34.004	.0286	34.053	33.937	14
500:	34.096	.0240	34.124	34.037	14
600:	34.174	.0152	34.195	34.135	14
700:	34.240	.0144	34.258	34.206	14
800:	34.293	.0133	34.318	34.270	14
900:	34.337	.0103	34.351	34.312	14
1000:	34.375	.0098	34.388	34.346	14
1200:	34.436	.0095	34.448	34.416	14
1500:	34.506	.0170	34.554	34.480	13
2000:	34.593	.0474	34.627	34.560	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.184	.1332	25.391	24.932	16
10:	25.198	.1181	25.394	24.948	16
20:	25.247	.1415	25.507	24.956	16
30:	25.338	.1746	25.630	24.991	16
50:	25.577	.0986	25.700	25.357	16
75:	25.759	.0930	25.909	25.575	16
100:	25.946	.1630	26.419	25.768	16
125:	26.241	.2486	26.659	25.895	16
150:	26.487	.2519	26.730	25.995	16
175:	26.653	.1393	26.775	26.344	16
200:	26.745	.0720	26.827	26.599	16
225:	26.800	.0440	26.850	26.698	16
250:	26.840	.0324	26.880	26.773	16
300:	26.905	.0292	26.946	26.849	16
400:	27.021	.0239	27.057	26.965	14
500:	27.111	.0200	27.136	27.063	14
600:	27.192	.0133	27.206	27.158	14
700:	27.263	.0134	27.279	27.229	14
800:	27.321	.0118	27.341	27.301	14
900:	27.372	.0097	27.383	27.351	14
1000:	27.416	.0086	27.427	27.392	14
1200:	27.488	.0077	27.498	27.475	14
1500:	27.571	.0146	27.612	27.553	13
2000:	27.672	.0431	27.703	27.642	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	279.2	12.67	303.2	259.5	16
10:	278.0	11.25	301.8	264.1	16
20:	273.5	13.49	301.2	248.7	16
30:	265.0	16.66	298.1	237.1	16
50:	242.4	9.39	263.4	230.7	16
75:	225.3	8.87	242.8	211.1	16
100:	207.7	15.44	222.8	183.0	16
125:	179.9	23.48	212.6	140.6	16
150:	156.9	23.77	203.3	134.1	16
175:	141.4	13.22	170.6	130.0	16
200:	132.9	6.93	147.1	125.2	16
225:	127.9	4.28	137.8	123.1	16
250:	124.2	3.19	130.8	120.5	16
300:	118.4	2.89	124.0	114.5	16
400:	108.0	2.25	113.3	104.7	14
500:	100.1	1.92	104.7	97.8	14
600:	93.1	1.28	96.4	91.6	14
700:	86.9	1.31	90.2	85.3	14
800:	81.8	1.13	83.9	79.8	14
900:	77.4	.95	79.6	76.5	14
1000:	73.6	.85	75.8	72.5	14
1200:	67.3	.73	68.5	66.4	14
1500:	60.1	1.43	61.7	56.2	13
2000:	51.2	4.17	54.2	48.3	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JUNE

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.50	.723	10.80	8.27	16
10:	9.41	.602	10.26	8.27	16
20:	9.12	.713	10.21	7.85	16
30:	8.55	.841	9.96	6.96	16
50:	7.07	.541	7.85	5.88	16
75:	5.96	.548	6.76	5.05	16
100:	5.37	.412	5.97	4.48	16
125:	5.13	.443	5.80	4.32	16
150:	5.12	.439	5.71	4.41	16
175:	5.05	.472	5.84	4.11	16
200:	4.86	.447	5.73	4.04	16
225:	4.63	.355	5.19	3.96	16
250:	4.45	.322	4.97	3.86	16
300:	4.22	.220	4.64	3.81	16
400:	3.93	.085	4.14	3.76	14
500:	3.75	.058	3.87	3.61	14
600:	3.55	.037	3.60	3.47	14
700:	3.37	.035	3.44	3.31	14
800:	3.18	.049	3.26	3.08	14
900:	3.01	.038	3.09	2.93	14
1000:	2.85	.038	2.92	2.80	14
1200:	2.57	.032	2.66	2.53	14
1500:	2.24	.039	2.33	2.19	13
2000:	1.81	.057	1.85	1.77	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	279.2	12.67	303.2	259.5	16
10:	277.8	11.22	301.5	263.9	16
20:	273.1	13.47	300.8	248.4	16
30:	264.5	16.61	297.5	236.7	16
50:	241.7	9.37	262.6	230.0	16
75:	224.9	8.82	241.8	210.1	16
100:	206.6	15.49	221.6	181.7	16
125:	178.6	23.63	211.5	138.9	16
150:	155.2	25.91	201.9	132.2	16
175:	139.9	15.21	168.7	127.8	16
200:	130.6	6.82	144.5	122.9	16
225:	125.5	4.17	135.1	120.7	16
250:	121.7	3.08	126.0	117.9	16
300:	115.5	2.78	120.8	111.6	16
400:	104.4	2.25	109.7	101.0	14
500:	95.8	1.91	100.4	93.4	14
600:	88.0	1.27	91.3	86.5	14
700:	81.3	1.27	84.5	79.8	14
800:	75.7	1.13	77.7	73.8	14
900:	70.9	.92	72.5	69.9	14
1000:	66.7	.82	68.9	65.6	14
1200:	59.7	.72	61.0	58.8	14
1500:	51.8	1.38	53.5	47.9	13
2000:	41.9	4.03	44.8	39.1	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	16
10:	.28	.011	.30	.27	16
20:	.56	.024	.61	.53	16
30:	.83	.038	.91	.78	16
50:	1.34	.057	1.46	1.26	16
75:	1.92	.073	2.06	1.84	16
100:	2.46	.092	2.65	2.30	16
125:	2.94	.108	3.12	2.68	16
150:	3.36	.140	3.51	3.02	16
175:	3.74	.172	3.97	3.35	16
200:	4.08	.188	4.36	3.68	16
225:	4.40	.199	4.71	3.99	16
250:	4.72	.203	5.03	4.30	16
300:	5.32	.216	5.67	4.90	16
400:	6.44	.244	6.83	6.04	14
500:	7.48	.259	7.90	7.07	14
600:	8.45	.271	8.89	8.04	14
700:	9.34	.282	9.83	8.93	14
800:	10.19	.286	10.69	9.77	14
900:	10.98	.294	11.50	10.56	14
1000:	11.74	.301	12.26	11.31	14
1200:	13.15	.315	13.71	12.70	14
1500:	15.04	.338	15.66	14.55	13
2000:	17.77	.007	17.78	17.77	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	16
10:	.01	.000	.02	.01	16
20:	.06	.004	.06	.05	16
30:	.12	.006	.14	.12	16
50:	.33	.015	.36	.31	16
75:	.71	.029	.76	.67	16
100:	1.18	.043	1.27	1.09	16
125:	1.74	.079	1.83	1.62	16
150:	2.33	.146	2.53	2.00	16
175:	2.95	.212	3.30	2.55	16
200:	3.60	.252	4.06	3.17	16
225:	4.30	.277	4.81	3.85	16
250:	5.06	.295	5.80	4.60	16
300:	6.76	.336	7.37	6.28	16
400:	10.77	.421	11.54	10.32	14
500:	15.53	.494	16.52	14.98	14
600:	20.95	.570	22.16	20.30	14
700:	26.91	.643	28.35	26.18	14
800:	33.35	.709	34.98	32.49	14
900:	40.24	.786	42.06	39.31	14
1000:	47.55	.866	49.50	46.50	14
1200:	63.31	1.019	65.51	62.11	14
1500:	89.46	1.282	92.29	87.89	13
2000:	139.12	2.701	141.03	137.21	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JUNE

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A -----			0
10:		----- N/A -----			0
20:		----- N/A -----			0
30:		----- N/A -----			0
50:		----- N/A -----			0
75:		----- N/A -----			0
100:		----- N/A -----			0
125:		----- N/A -----			0
150:		----- N/A -----			0
175:		----- N/A -----			0
200:		----- N/A -----			0
225:		----- N/A -----			0
250:		----- N/A -----			0
300:		----- N/A -----			0
400:		----- N/A -----			0
500:		----- N/A -----			0
600:		----- N/A -----			0
700:		----- N/A -----			0
800:		----- N/A -----			0
900:		----- N/A -----			0
1000:		----- N/A -----			0
1200:		----- N/A -----			0
1500:		----- N/A -----			0
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1485	2.6	1490	1481	16
10:	1485	2.1	1488	1481	16
20:	1484	2.7	1488	1479	16
30:	1482	3.1	1487	1476	16
50:	1477	2.3	1480	1472	16
75:	1473	2.4	1476	1469	16
100:	1471	2.0	1474	1467	16
125:	1471	2.2	1475	1467	16
150:	1471	2.1	1475	1469	16
175:	1472	1.9	1475	1468	16
200:	1472	1.9	1476	1469	16
225:	1471	1.5	1474	1469	16
250:	1471	1.4	1474	1469	16
300:	1471	.9	1473	1469	16
400:	1472	.8	1473	1471	14
500:	1472	.7	1473	1472	14
600:	1474	.0	1474	1474	14
700:	1475	.0	1475	1475	14
800:	1475	.4	1476	1475	14
900:	1476	.3	1477	1476	14
1000:	1478	.0	1478	1478	14
1200:	1480	.0	1480	1480	14
1500:	1484	.0	1484	1484	13
2000:	1490	.7	1491	1490	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.738	.3017	12.279	11.308	14
10:	11.458	.3011	12.003	11.042	14
20:	11.181	.3004	11.728	10.777	14
30:	10.911	.2970	11.467	10.518	14
50:	10.402	.2925	10.972	10.033	14
75:	9.815	.2892	10.395	9.473	14
100:	9.280	.2830	9.854	8.985	14
125:	8.798	.2506	9.321	8.545	14
150:	8.385	.1972	8.815	8.183	14
175:	8.013	.1512	8.363	7.843	14
200:	7.673	.1301	7.996	7.524	14
225:	7.350	.1173	7.637	7.214	14
250:	7.036	.1100	7.306	6.902	14
300:	6.432	.0969	6.667	6.310	14
400:	5.298	.0741	5.479	5.205	14
500:	4.259	.0561	4.394	4.184	14
600:	3.293	.0419	3.387	3.243	14
700:	2.393	.0294	2.453	2.352	14
800:	1.550	.0189	1.592	1.527	14
900:	.755	.0094	.775	.743	14
1000:	.000	.0000	.000	.000	14
1200:	-1.406	.0151	-1.386	-1.442	14
1500:	-3.309	.0398	-3.243	-3.377	13
2000:	-6.118	.1471	-6.014	-6.222	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.17	1.803	13.15	8.82	4
10:	10.97	1.768	13.15	8.82	4
20:	10.65	1.896	13.13	8.63	4
30:	9.28	.583	9.90	8.51	4
50:	7.55	.534	8.33	7.16	4
75:	6.58	.329	6.96	6.29	4
100:	5.90	.411	6.35	5.42	4
125:	5.60	.507	6.00	4.91	4
150:	5.51	.554	6.07	4.91	4
175:	5.21	.607	5.89	4.61	4
200:	4.94	.472	5.47	4.39	4
225:	4.71	.384	5.07	4.21	4
250:	4.49	.278	4.74	4.11	4
300:	4.27	.107	4.41	4.18	4
400:	3.93	.234	4.10	3.60	4
500:	3.89	.052	3.92	3.83	3
600:	3.72	.021	3.74	3.70	3
700:	3.53	.012	3.54	3.52	3
800:	3.34	.031	3.37	3.31	3
900:	3.16	.032	3.18	3.12	3
1000:	2.99	.040	3.03	2.95	3
1200:	2.71	.052	2.77	2.68	3
1500:	2.36	.021	2.38	2.34	3
2000:	1.95	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.626	.0773	32.699	32.534	4
10:	32.617	.0884	32.699	32.510	4
20:	32.622	.0867	32.706	32.519	4
30:	32.642	.0918	32.720	32.526	4
50:	32.741	.1053	32.790	32.557	4
75:	32.731	.1087	32.850	32.590	4
100:	32.775	.1066	32.920	32.670	4
125:	33.045	.2925	33.469	32.802	4
150:	33.515	.2872	33.842	33.188	4
175:	33.669	.1378	33.870	33.564	4
200:	33.780	.0981	33.867	33.672	4
225:	33.806	.0834	33.880	33.714	4
250:	33.831	.0671	33.896	33.759	4
300:	33.890	.0395	33.940	33.857	4
400:	33.983	.0494	34.026	33.924	4
500:	34.091	.0222	34.107	34.066	3
600:	34.164	.0252	34.185	34.136	3
700:	34.232	.0294	34.252	34.198	3
800:	34.281	.0261	34.302	34.252	3
900:	34.325	.0247	34.344	34.297	3
1000:	34.366	.0240	34.381	34.338	3
1200:	34.421	.0186	34.440	34.403	3
1500:	34.494	.0196	34.509	34.472	3
2000:	34.590	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.910	.3350	25.369	24.591	4
10:	24.938	.3228	25.369	24.591	4
20:	24.996	.3340	25.405	24.595	4
30:	25.251	.1179	25.426	25.169	4
50:	25.556	.0872	25.652	25.456	4
75:	25.711	.0541	25.756	25.634	4
100:	25.832	.0398	25.891	25.807	4
125:	26.081	.1943	26.372	25.969	4
150:	26.461	.1689	26.674	26.274	4
175:	26.618	.0924	26.738	26.519	4
200:	26.738	.0300	26.777	26.714	4
225:	26.785	.0280	26.818	26.758	4
250:	26.827	.0292	26.862	26.797	4
300:	26.899	.0251	26.936	26.882	4
400:	27.006	.0194	27.026	26.987	4
500:	27.098	.0126	27.108	27.084	3
600:	27.172	.0201	27.191	27.151	3
700:	27.245	.0231	27.262	27.219	3
800:	27.303	.0232	27.324	27.277	3
900:	27.355	.0213	27.374	27.332	3
1000:	27.402	.0196	27.416	27.380	3
1200:	27.471	.0158	27.489	27.459	3
1500:	27.560	.0159	27.574	27.543	3
2000:	27.669	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	305.2	31.91	335.6	261.5	4
10:	302.7	30.75	335.8	261.7	4
20:	297.5	31.87	335.8	258.5	4
30:	273.3	11.28	281.2	256.6	4
50:	244.5	8.30	254.0	235.4	4
75:	229.9	5.09	237.2	225.8	4
100:	218.7	3.69	220.9	213.2	4
125:	195.3	18.35	205.7	167.8	4
150:	159.5	15.81	177.0	139.5	4
175:	144.8	8.79	154.5	133.6	4
200:	133.6	2.64	135.7	130.1	4
225:	129.3	2.48	131.8	126.3	4
250:	125.4	2.68	128.3	122.2	4
300:	118.9	2.38	120.5	115.4	4
400:	109.3	1.67	111.2	107.7	4
500:	101.5	1.12	102.8	100.7	3
600:	95.1	1.91	97.1	93.3	3
700:	88.8	2.14	91.2	87.2	3
800:	83.8	2.16	86.2	82.0	3
900:	79.2	2.02	81.4	77.4	3
1000:	75.1	1.84	77.1	73.5	3
1200:	69.1	1.54	70.1	67.3	3
1500:	61.2	1.47	62.8	59.9	3
2000:	51.6	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.17	1.803	13.15	8.87	4
10:	10.97	1.768	13.15	8.82	4
20:	10.65	1.898	13.13	8.63	4
30:	9.28	.583	9.90	8.51	4
50:	7.55	.530	8.32	7.16	4
75:	6.57	.328	6.95	6.28	4
100:	5.89	.411	6.34	5.41	4
125:	5.59	.507	5.99	4.90	4
150:	5.50	.554	6.06	4.90	4
175:	5.20	.603	5.87	4.60	4
200:	4.92	.476	5.46	4.37	4
225:	4.69	.384	5.05	4.19	4
250:	4.48	.274	4.72	4.10	4
300:	4.24	.110	4.39	4.16	4
400:	3.91	.229	4.07	3.58	4
500:	3.85	.052	3.88	3.79	3
600:	3.68	.021	3.70	3.66	3
700:	3.48	.010	3.49	3.47	3
800:	3.29	.025	3.31	3.26	3
900:	3.09	.031	3.12	3.06	3
1000:	2.92	.040	2.96	2.88	3
1200:	2.63	.052	2.69	2.60	3
1500:	2.26	.021	2.28	2.24	3
2000:	1.81	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	305.2	31.91	335.6	261.5	4
10:	302.5	30.74	335.6	261.5	4
20:	297.0	31.79	335.2	258.1	4
30:	272.7	11.22	280.6	256.1	4
50:	243.7	8.36	253.3	234.6	4
75:	224.9	5.10	230.2	224.7	4
100:	217.5	3.74	219.8	211.9	4
125:	193.8	18.48	204.4	166.1	4
150:	157.7	16.04	175.4	137.4	4
175:	142.7	8.80	152.2	131.3	4
200:	131.4	2.83	133.6	127.7	4
225:	126.9	2.66	129.5	123.8	4
250:	122.8	2.75	125.7	119.6	4
300:	116.0	2.40	117.6	112.5	4
400:	105.8	1.79	107.6	104.0	4
500:	97.0	1.21	98.4	96.1	3
600:	89.9	1.91	91.9	88.1	3
700:	83.0	2.19	85.5	81.4	3
800:	77.5	2.16	79.9	75.7	3
900:	72.5	2.03	74.7	70.7	3
1000:	68.0	1.82	70.0	66.5	3
1200:	61.3	1.53	62.5	59.6	3
1500:	52.8	1.54	54.5	51.5	3
2000:	42.3	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	4
10:	.31	.034	.34	.26	4
20:	.61	.066	.68	.57	4
30:	.89	.086	.99	.78	4
50:	1.41	.101	1.51	1.27	4
75:	2.00	.111	2.11	1.85	4
100:	2.55	.100	2.64	2.42	4
125:	3.08	.086	3.16	2.96	4
150:	3.52	.090	3.62	3.41	4
175:	3.91	.092	4.00	3.81	4
200:	4.25	.099	4.35	4.16	4
225:	4.58	.104	4.68	4.49	4
250:	4.90	.110	5.01	4.80	4
300:	5.51	.121	5.62	5.40	4
400:	6.64	.136	6.77	6.51	4
500:	7.66	.142	7.82	7.56	3
600:	8.64	.159	8.82	8.53	3
700:	9.56	.176	9.76	9.45	3
800:	10.42	.202	10.65	10.30	3
900:	11.23	.222	11.49	11.10	3
1000:	12.00	.240	12.28	11.85	3
1200:	13.48	.270	13.75	13.28	3
1500:	15.39	.304	15.73	15.15	3
2000:	17.94	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	4
10:	.02	.005	.02	.01	4
20:	.06	.008	.07	.05	4
30:	.14	.013	.15	.12	4
50:	.34	.017	.36	.32	4
75:	.72	.024	.74	.69	4
100:	1.21	.026	1.25	1.19	4
125:	1.82	.041	1.87	1.77	4
150:	2.44	.097	2.51	2.30	4
175:	3.07	.138	3.17	2.87	4
200:	3.73	.159	3.85	3.50	4
225:	4.44	.176	4.56	4.18	4
250:	5.21	.186	5.35	4.94	4
300:	6.92	.224	7.10	6.60	4
400:	10.98	.279	11.26	10.58	4
500:	15.76	.355	16.11	15.40	3
600:	21.24	.437	21.70	20.83	3
700:	27.34	.532	27.94	26.92	3
800:	33.92	.689	34.71	33.43	3
900:	40.97	.874	41.98	40.41	3
1000:	48.43	1.045	49.64	47.87	3
1200:	64.55	1.374	66.12	63.57	3
1500:	91.38	1.885	93.39	89.65	3
2000:	139.25	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.98	----- N/A	-----		1
10:	6.98	----- N/A	-----		1
20:	6.99	----- N/A	-----		1
30:	7.00	----- N/A	-----		1
50:	7.12	----- N/A	-----		1
75:	7.13	----- N/A	-----		1
100:	6.91	----- N/A	-----		1
125:	6.41	----- N/A	-----		1
150:	4.91	----- N/A	-----		1
175:	4.14	----- N/A	-----		1
200:	3.82	----- N/A	-----		1
225:	3.51	----- N/A	-----		1
250:	3.22	----- N/A	-----		1
300:	2.59	----- N/A	-----		1
400:	1.53	----- N/A	-----		1
500:	1.02	----- N/A	-----		1
600:	.76	----- N/A	-----		1
700:	.54	----- N/A	-----		1
800:	.48	----- N/A	-----		1
900:	.46	----- N/A	-----		1
1000:	.44	----- N/A	-----		1
1200:	.44	----- N/A	-----		1
1500:	.63	----- N/A	-----		1
2000:		----- N/A	-----		0
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1491	6.2	1498	1483	4
10:	1491	6.5	1499	1483	4
20:	1490	6.8	1499	1483	4
30:	1485	2.5	1488	1482	4
50:	1479	2.2	1482	1477	4
75:	1475	1.5	1477	1474	4
100:	1473	1.7	1475	1471	4
125:	1472	2.2	1475	1470	4
150:	1473	2.6	1476	1471	4
175:	1473	2.9	1476	1470	4
200:	1472	2.1	1475	1470	4
225:	1471	1.5	1473	1470	4
250:	1471	1.7	1473	1470	4
300:	1471	.6	1472	1471	4
400:	1471	1.0	1472	1470	4
500:	1473	.0	1473	1473	3
600:	1474	.0	1474	1474	3
700:	1475	.0	1475	1475	3
800:	1476	.0	1476	1476	3
900:	1477	.0	1477	1477	3
1000:	1478	.0	1478	1478	3
1200:	1480	.6	1481	1480	3
1500:	1484	.0	1484	1484	3
2000:	1491	----- N/A	-----		1
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

DELTA -OH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.003	.2394	12.279	11.852	5
10:	11.782	.2370	11.974	11.542	5
20:	11.480	.2398	11.667	11.203	5
30:	11.112	.2444	11.375	10.892	5
50:	10.603	.2513	10.865	10.364	5
75:	10.019	.2597	10.289	9.771	5
100:	9.472	.2510	9.739	9.241	5
125:	8.947	.2268	9.197	8.754	3
150:	8.511	.1803	8.715	8.374	3
175:	8.128	.1558	8.308	8.031	3
200:	7.780	.1482	7.951	7.690	3
225:	7.458	.1432	7.623	7.363	3
250:	7.139	.1379	7.298	7.048	3
300:	6.531	.1261	6.674	6.437	3
400:	5.399	.1127	5.525	5.308	3
500:	4.344	.0998	4.456	4.264	3
600:	3.365	.0828	3.457	3.296	3
700:	2.445	.0634	2.516	2.394	3
800:	1.584	.0416	1.630	1.549	3
900:	.771	.0198	.792	.753	3
1000:	.000	.0000	.000	.000	3
1200:	-1.437	.0330	-1.404	-1.470	3
1500:	-3.384	.0762	-3.301	-3.451	3
2000:	-6.090	----- N/A	-----		1
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

AUGUST

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.68	1.250	15.20	11.11	15
10:	12.69	1.206	15.21	11.10	15
20:	11.97	.937	13.33	10.32	15
30:	10.16	1.115	12.09	8.47	15
50:	7.26	.631	8.37	6.34	15
75:	6.02	.488	6.83	5.32	15
100:	5.41	.478	6.14	4.74	15
125:	5.31	.401	6.18	4.91	15
150:	5.37	.455	6.33	4.65	15
175:	5.21	.399	5.97	4.54	15
200:	4.95	.310	5.54	4.39	15
225:	4.71	.245	5.18	4.30	15
250:	4.50	.228	4.92	4.13	15
300:	4.22	.245	4.53	3.85	15
400:	3.95	.091	4.13	3.81	14
500:	3.81	.084	3.98	3.71	14
600:	3.64	.071	3.79	3.56	14
700:	3.45	.062	3.55	3.35	14
800:	3.28	.053	3.37	3.18	14
900:	3.11	.046	3.20	3.03	14
1000:	2.95	.044	3.05	2.89	14
1200:	2.67	.035	2.74	2.62	14
1500:	2.34	.040	2.41	2.28	14
2000:	1.95	.014	1.97	1.94	4
2500:	1.73	.007	1.74	1.73	2
3000:	1.58	.007	1.59	1.58	2
3500:	1.55	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.559	.0958	32.740	32.420	15
10:	32.550	.0926	32.724	32.420	15
20:	32.565	.0830	32.711	32.445	15
30:	32.595	.0840	32.736	32.483	15
50:	32.669	.0860	32.779	32.503	15
75:	32.707	.0853	32.856	32.566	15
100:	32.812	.0827	32.946	32.680	15
125:	33.218	.1817	33.500	32.919	15
150:	33.590	.1641	33.798	33.160	15
175:	33.740	.0894	33.851	33.500	15
200:	33.767	.0459	33.867	33.718	15
225:	33.817	.0358	33.867	33.749	15
250:	33.837	.0341	33.880	33.752	15
300:	33.881	.0278	33.914	33.811	15
400:	33.983	.0351	34.031	33.896	14
500:	34.094	.0215	34.128	34.046	14
600:	34.173	.0207	34.208	34.147	14
700:	34.244	.0171	34.268	34.211	14
800:	34.297	.0196	34.323	34.254	14
900:	34.339	.0201	34.362	34.288	14
1000:	34.377	.0169	34.397	34.334	14
1200:	34.440	.0164	34.464	34.397	14
1500:	34.505	.0174	34.523	34.459	14
2000:	34.583	.0133	34.594	34.567	4
2500:	34.625	.0191	34.639	34.612	2
3000:	34.653	.0179	34.666	34.641	2
3500:	34.655	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.583	.2423	24.873	24.157	15
10:	24.574	.2338	24.883	24.155	15
20:	24.724	.1860	25.000	24.395	15
30:	25.067	.2231	25.345	24.667	15
50:	25.570	.1320	25.745	25.309	15
75:	25.763	.1051	25.901	25.562	15
100:	25.919	.0926	26.050	25.728	15
125:	26.251	.1301	26.469	26.029	15
150:	26.538	.1137	26.647	26.240	15
175:	26.675	.0662	26.756	26.485	15
200:	26.751	.0314	26.800	26.687	15
225:	26.794	.0259	26.839	26.755	15
250:	26.832	.0278	26.880	26.794	15
300:	26.897	.0264	26.943	26.847	15
400:	27.006	.0311	27.054	26.923	14
500:	27.108	.0158	27.134	27.080	14
600:	27.188	.0183	27.219	27.156	14
700:	27.262	.0161	27.285	27.237	14
800:	27.321	.0170	27.346	27.289	14
900:	27.370	.0170	27.395	27.332	14
1000:	27.414	.0144	27.431	27.382	14
1200:	27.490	.0139	27.510	27.456	14
1500:	27.570	.0152	27.588	27.532	14
2000:	27.663	.0107	27.672	27.649	4
2500:	27.714	.0150	27.725	27.704	2
3000:	27.748	.0127	27.757	27.739	2
3500:	27.751	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	336.4	23.10	377.6	308.7	15
10:	337.5	22.27	377.4	308.0	15
20:	323.4	17.72	354.7	297.1	15
30:	290.9	21.29	329.1	264.3	15
50:	243.1	12.60	268.1	226.4	15
75:	225.0	10.03	244.1	211.8	15
100:	210.3	8.85	228.5	197.7	15
125:	179.0	12.32	200.1	158.4	15
150:	152.2	10.75	184.1	141.8	15
175:	139.8	6.30	157.4	131.7	15
200:	132.4	3.05	138.5	127.5	15
225:	128.5	2.52	132.1	123.9	15
250:	124.9	2.68	128.8	120.3	15
300:	119.1	2.61	124.0	114.5	15
400:	109.4	2.97	117.4	104.8	14
500:	100.5	1.49	103.0	98.1	14
600:	93.6	1.75	96.7	90.6	14
700:	87.0	1.56	89.6	84.8	14
800:	81.9	1.63	84.9	79.5	14
900:	77.6	1.61	81.1	75.2	14
1000:	73.8	1.39	76.8	72.1	14
1200:	67.2	1.33	70.3	65.2	14
1500:	60.2	1.45	63.7	58.4	14
2000:	52.2	.97	53.5	51.4	4
2500:	48.1	1.27	49.0	47.2	2
3000:	45.5	1.06	46.3	44.8	2
3500:	46.4	----- N/A -----			1

AUGUST

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.68	1.250	15.20	11.11	15
10:	12.69	1.206	15.21	11.10	15
20:	11.97	.937	13.33	10.52	15
30:	10.16	1.114	12.09	8.47	15
50:	7.26	.651	8.36	6.34	15
75:	6.02	.489	6.85	5.31	15
100:	5.40	.479	6.13	4.73	15
125:	5.30	.401	6.17	4.90	15
150:	5.36	.454	6.31	4.64	15
175:	5.20	.399	5.95	4.53	15
200:	4.93	.308	5.52	4.38	15
225:	4.69	.246	5.16	4.28	15
250:	4.48	.228	4.90	4.11	15
300:	4.20	.203	4.50	3.83	15
400:	3.92	.090	4.10	3.78	14
500:	3.78	.085	3.94	3.67	14
600:	3.60	.072	3.75	3.51	14
700:	3.40	.062	3.50	3.30	14
800:	3.22	.052	3.31	3.13	14
900:	3.05	.045	3.14	2.97	14
1000:	2.88	.044	2.98	2.82	14
1200:	2.59	.035	2.66	2.54	14
1500:	2.24	.038	2.30	2.18	14
2000:	1.82	.014	1.83	1.80	4
2500:	1.55	.007	1.56	1.55	2
3000:	1.36	.014	1.37	1.35	2
3500:	1.28	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	336.4	23.10	377.0	308.7	15
10:	337.2	22.25	377.1	307.8	15
20:	322.8	17.73	354.2	296.4	15
30:	290.2	21.24	328.3	263.8	15
50:	242.3	12.56	267.2	225.7	15
75:	224.1	9.97	243.1	211.0	15
100:	209.2	8.79	227.3	196.7	15
125:	177.6	12.55	198.7	156.9	15
150:	150.4	10.79	182.4	140.0	15
175:	137.3	6.28	155.4	129.7	15
200:	130.1	2.99	136.2	125.5	15
225:	126.1	2.45	129.7	121.8	15
250:	122.4	2.63	126.0	117.8	15
300:	116.3	2.52	121.0	111.9	15
400:	105.8	2.95	113.7	101.3	14
500:	96.1	1.49	98.7	93.6	14
600:	88.5	1.72	91.4	85.6	14
700:	81.4	1.52	83.8	79.2	14
800:	75.7	1.61	78.8	73.4	14
900:	71.0	1.62	74.7	68.7	14
1000:	66.8	1.35	69.9	65.2	14
1200:	59.6	1.32	62.8	57.7	14
1500:	51.8	1.41	55.4	50.2	14
2000:	42.8	1.03	44.2	42.0	4
2500:	37.8	1.41	38.8	36.8	2
3000:	34.3	1.27	35.2	33.4	2
3500:	33.7	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.34	.023	.38	.31	15
20:	.67	.043	.74	.61	15
30:	.98	.049	1.05	.91	15
50:	1.51	.062	1.60	1.42	15
75:	2.10	.078	2.24	1.97	15
100:	2.63	.090	2.81	2.51	15
125:	3.12	.105	3.31	2.98	15
150:	3.53	.120	3.73	3.36	15
175:	3.90	.133	4.10	3.71	15
200:	4.24	.140	4.46	4.04	15
225:	4.56	.144	4.79	4.36	15
250:	4.88	.148	5.11	4.67	15
300:	5.49	.154	5.74	5.28	15
400:	6.63	.174	6.92	6.41	14
500:	7.68	.182	7.99	7.45	14
600:	8.65	.187	8.96	8.41	14
700:	9.55	.195	9.89	9.28	14
800:	10.39	.199	10.75	10.11	14
900:	11.19	.206	11.57	10.89	14
1000:	11.95	.212	12.34	11.63	14
1200:	13.36	.222	13.79	13.03	14
1500:	15.26	.250	15.72	14.79	14
2000:	18.12	.190	18.35	17.90	4
2500:	20.70	.283	20.90	20.50	2
3000:	23.03	.325	23.26	22.80	2
3500:	25.57	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	15
10:	.02	.000	.02	.02	15
20:	.07	.005	.07	.06	15
30:	.15	.008	.16	.14	15
50:	.36	.015	.38	.34	15
75:	.74	.027	.79	.70	15
100:	1.21	.046	1.31	1.15	15
125:	1.77	.065	1.92	1.71	15
150:	2.35	.090	2.51	2.25	15
175:	2.95	.121	3.19	2.82	15
200:	3.60	.139	3.89	3.44	15
225:	4.30	.148	4.61	4.12	15
250:	5.07	.161	5.39	4.86	15
300:	6.78	.186	7.13	6.51	15
400:	10.86	.276	11.27	10.41	14
500:	15.67	.350	16.20	15.05	14
600:	21.09	.406	21.72	20.38	14
700:	27.06	.493	27.76	26.25	14
800:	33.52	.567	34.32	32.60	14
900:	40.42	.682	41.39	39.39	14
1000:	47.75	.800	48.92	46.50	14
1200:	63.62	.984	65.11	62.30	14
1500:	89.67	1.580	92.40	86.80	14
2000:	139.67	2.185	142.52	137.36	4
2500:	197.24	5.310	201.00	193.49	2
3000:	262.49	6.442	267.05	257.94	2
3500:	343.80	----- N/A -----			1

AUGUST

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.50	----- N/A -----			1
10:	6.38	----- N/A -----			1
20:	6.61	----- N/A -----			1
30:	7.10	----- N/A -----			1
50:	7.39	----- N/A -----			1
75:	7.03	----- N/A -----			1
100:	6.60	----- N/A -----			1
125:	5.34	----- N/A -----			1
150:	4.45	----- N/A -----			1
175:	4.13	----- N/A -----			1
200:	3.91	----- N/A -----			1
225:	3.66	----- N/A -----			1
250:	3.42	----- N/A -----			1
300:	2.52	----- N/A -----			1
400:	1.61	----- N/A -----			1
500:	1.08	----- N/A -----			1
600:	.80	----- N/A -----			1
700:	.62	----- N/A -----			1
800:	.56	----- N/A -----			1
900:	.52	----- N/A -----			1
1000:	.48	----- N/A -----			1
1200:	.52	----- N/A -----			1
1500:	.65	----- N/A -----			1
2000:	1.31	----- N/A -----			1
2500:	1.85	----- N/A -----			1
3000:	2.50	----- N/A -----			1
3500:	2.80	----- N/A -----			1

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1496	4.3	1505	1491	15
10:	1496	4.0	1505	1491	15
20:	1494	3.3	1499	1489	15
30:	1488	4.1	1495	1482	15
50:	1477	2.5	1482	1474	15
75:	1473	1.9	1476	1470	15
100:	1471	1.9	1474	1469	15
125:	1471	1.8	1476	1470	25
150:	1473	2.0	1477	1470	15
175:	1473	1.7	1476	1470	15
200:	1472	1.4	1475	1470	15
225:	1472	1.1	1474	1470	15
250:	1471	.9	1473	1470	15
300:	1471	.8	1472	1470	15
400:	1471	.5	1473	1471	14
500:	1473	.5	1474	1472	14
600:	1474	.3	1475	1474	14
700:	1475	.0	1475	1475	14
800:	1476	.0	1476	1476	14
900:	1477	.0	1477	1477	14
1000:	1478	.0	1478	1478	14
1200:	1480	.0	1480	1480	14
1500:	1484	.0	1484	1484	14
2000:	1490	.5	1491	1490	4
2500:	1498	.0	1498	1498	2
3000:	1506	.0	1506	1506	2
3500:	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.946	.2132	12.344	11.626	14
10:	11.608	.2168	12.019	11.285	14
20:	11.278	.2171	11.695	10.930	14
30:	10.971	.2084	11.371	10.626	14
50:	10.440	.1922	10.796	10.134	14
75:	9.852	.1893	10.167	9.544	14
100:	9.315	.1787	9.586	9.027	14
125:	8.825	.1608	9.037	8.568	14
150:	8.415	.1495	8.617	8.186	14
175:	8.052	.1409	8.248	7.840	14
200:	7.713	.1348	7.894	7.514	14
225:	7.388	.1294	7.558	7.192	14
250:	7.071	.1232	7.232	6.884	14
300:	6.460	.1143	6.604	6.272	14
400:	5.317	.0897	5.438	5.173	14
500:	4.268	.0762	4.386	4.149	14
600:	3.300	.0618	3.406	3.206	14
700:	2.398	.0452	2.488	2.335	14
800:	1.553	.0321	1.620	1.505	14
900:	.756	.0158	.791	.730	14
1000:	.000	.0000	.000	.000	14
1200:	-1.415	.0244	-1.384	-1.470	14
1500:	-3.308	.0725	-3.161	-3.466	14
2000:	-6.109	.1012	-6.005	-6.248	4
2500:	-8.626	.2447	-8.453	-8.799	2
3000:	-10.955	.2857	-10.753	-11.157	2
3500:	-13.474	----- N/A -----			1

SEPTEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.87	.472	14.70	13.00	14
10:	13.81	.514	14.63	12.69	14
20:	13.70	.528	14.28	12.63	14
30:	12.61	1.762	14.14	9.01	14
50:	7.94	.673	8.86	6.53	14
75:	6.46	.522	7.46	5.61	14
100:	5.84	.427	6.41	5.16	14
125:	5.65	.457	6.26	5.06	14
150:	5.65	.484	6.25	4.76	14
175:	5.38	.397	5.87	4.52	14
200:	5.16	.332	5.58	4.58	14
225:	4.92	.328	5.35	4.31	14
250:	4.70	.292	5.10	4.17	14
300:	4.36	.213	4.74	3.92	14
400:	4.06	.146	4.26	3.73	13
500:	3.91	.098	4.09	3.75	13
600:	3.71	.070	3.80	3.60	13
700:	3.52	.085	3.68	3.41	13
800:	3.35	.074	3.49	3.24	13
900:	3.15	.067	3.32	3.08	13
1000:	2.99	.063	3.14	2.90	13
1200:	2.69	.043	2.79	2.64	13
1500:	2.35	.054	2.48	2.28	10
2000:	1.95	.006	1.95	1.94	3
2500:	1.75	.000	1.75	1.75	2
3000:	1.61	.035	1.64	1.59	2
3500:	1.55	----- N/A -----			1

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.528	.0802	32.683	32.370	14
10:	32.528	.0765	32.682	32.403	14
20:	32.531	.0752	32.680	32.410	14
30:	32.551	.0659	32.678	32.455	14
50:	32.698	.1155	32.890	32.510	14
75:	32.745	.1174	32.940	32.550	14
100:	32.838	.1267	33.020	32.670	14
125:	33.314	.2365	33.640	32.894	14
150:	33.657	.1833	33.890	33.248	14
175:	33.770	.1088	33.920	33.531	14
200:	33.816	.0709	33.920	33.661	14
225:	33.838	.0546	33.920	33.699	14
250:	33.852	.0473	33.920	33.729	14
300:	33.886	.0353	33.955	33.808	14
400:	33.983	.0258	34.040	33.931	13
500:	34.092	.0243	34.136	34.055	13
600:	34.168	.0304	34.236	34.116	13
700:	34.233	.0277	34.284	34.185	13
800:	34.290	.0198	34.324	34.243	13
900:	34.334	.0160	34.365	34.299	13
1000:	34.371	.0172	34.403	34.331	13
1200:	34.432	.0155	34.469	34.404	13
1500:	34.503	.0172	34.534	34.471	10
2000:	34.588	.0073	34.595	34.581	3
2500:	34.630	.0098	34.637	34.623	2
3000:	34.656	.0135	34.666	34.647	2
3500:	34.668	----- N/A -----			1

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.328	.1120	24.540	24.113	14
10:	24.340	.1198	24.596	24.124	14
20:	24.364	.1155	24.604	24.206	14
30:	24.582	.3281	25.255	24.265	14
50:	25.498	.1338	25.679	25.309	14
75:	25.737	.1305	25.864	25.452	14
100:	25.889	.1145	26.047	25.686	14
125:	26.285	.1486	26.481	26.008	14
150:	26.557	.1235	26.699	26.276	14
175:	26.679	.0697	26.759	26.527	14
200:	26.741	.0478	26.793	26.641	14
225:	26.785	.0371	26.826	26.707	14
250:	26.822	.0333	26.869	26.751	14
300:	26.886	.0308	26.943	26.816	14
400:	26.994	.0249	27.057	26.953	13
500:	27.096	.0228	27.140	27.057	13
600:	27.177	.0268	27.229	27.127	13
700:	27.246	.0260	27.290	27.198	13
800:	27.309	.0192	27.340	27.263	13
900:	27.362	.0162	27.390	27.327	13
1000:	27.407	.0163	27.435	27.368	13
1200:	27.482	.0135	27.513	27.464	13
1500:	27.567	.0144	27.592	27.545	10
2000:	27.668	.0057	27.673	27.662	3
2500:	27.716	.0079	27.722	27.711	2
3000:	27.747	.0134	27.757	27.738	2
3500:	27.762	----- N/A -----			1

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	360.6	10.65	381.1	340.5	14
10:	359.7	11.43	380.4	335.4	14
20:	357.7	11.02	372.8	334.8	14
30:	337.2	31.31	367.4	272.9	14
50:	250.1	12.76	268.0	232.7	14
75:	227.5	12.45	254.7	215.4	14
100:	213.3	10.92	232.6	198.1	14
125:	175.9	13.49	202.0	157.3	14
150:	150.4	11.65	176.9	137.2	14
175:	139.1	6.59	153.3	131.7	14
200:	133.4	4.54	143.0	128.6	14
225:	129.4	3.57	137.0	125.4	14
250:	126.0	3.20	132.9	121.4	14
300:	120.2	2.98	127.1	114.9	14
400:	110.7	2.42	114.7	104.6	13
500:	101.8	2.21	105.6	97.5	13
600:	94.6	2.58	99.5	89.8	13
700:	88.6	2.51	93.4	84.6	13
800:	83.2	1.88	87.6	80.2	13
900:	78.5	1.62	82.0	75.8	13
1000:	74.6	1.62	78.4	71.9	13
1200:	67.9	1.31	69.8	65.1	13
1500:	60.5	1.42	63.1	58.2	10
2000:	51.7	.57	52.3	51.2	3
2500:	47.9	.64	48.4	47.5	2
3000:	45.8	1.41	46.8	44.8	2
3500:	45.4	----- N/A -----			1

SEPTEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	13.67	.472	14.70	13.00	14
10:	13.61	.514	14.63	12.69	14
20:	13.70	.528	14.28	12.63	14
30:	12.61	1.762	14.14	9.01	14
50:	7.93	.669	8.87	6.53	14
75:	6.45	.523	7.46	5.60	14
100:	5.83	.425	6.40	5.15	14
125:	5.64	.457	6.27	5.05	14
150:	5.64	.485	6.24	4.75	14
175:	5.37	.397	5.86	4.61	14
200:	5.14	.333	5.56	4.56	14
225:	4.90	.327	5.33	4.30	14
250:	4.68	.293	5.09	4.15	14
300:	4.34	.213	4.72	3.90	14
400:	4.01	.146	4.25	3.70	13
500:	3.88	.098	4.06	3.71	13
600:	3.66	.069	3.76	3.56	13
700:	3.47	.084	3.65	3.37	13
800:	3.29	.078	3.44	3.19	13
900:	3.09	.066	3.25	3.01	13
1000:	2.92	.063	3.07	2.83	13
1200:	2.61	.044	2.71	2.55	13
1500:	2.25	.055	2.38	2.17	10
2000:	1.81	.006	1.81	1.80	3
2500:	1.57	.000	1.57	1.57	2
3000:	1.39	.035	1.42	1.37	2
3500:	1.28	----- N/A -----			1

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	360.6	10.65	381.1	340.5	14
10:	359.5	11.42	380.1	335.1	14
20:	357.2	11.60	372.2	334.3	14
30:	336.4	31.24	366.6	272.4	14
50:	249.2	12.74	267.2	232.0	14
75:	226.5	12.40	253.6	214.4	14
100:	212.1	10.88	231.3	197.1	14
125:	179.4	14.12	200.7	155.8	14
150:	148.5	11.71	175.2	135.1	14
175:	137.0	6.61	151.4	129.4	14
200:	131.1	4.53	140.5	126.1	14
225:	126.8	3.52	134.3	123.0	14
250:	123.4	3.14	130.0	118.9	14
300:	117.7	2.69	123.8	111.9	14
400:	107.0	2.38	110.8	101.0	13
500:	97.2	2.17	100.9	93.0	13
600:	89.5	2.58	94.3	84.5	13
700:	82.9	2.46	87.5	78.8	13
800:	76.9	1.82	81.2	73.9	13
900:	71.8	1.52	75.1	69.1	13
1000:	67.5	1.54	71.2	64.9	13
1200:	60.3	1.27	62.1	57.4	13
1500:	52.1	1.39	54.2	49.7	10
2000:	42.4	.57	43.0	41.9	3
2500:	37.5	.71	38.0	37.0	2
3000:	34.3	1.27	35.2	33.4	2
3500:	32.6	----- N/A -----			1

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	14
10:	.36	.011	.38	.34	14
20:	.72	.022	.76	.68	14
30:	1.07	.031	1.13	1.02	14
50:	1.66	.063	1.75	1.54	14
75:	2.26	.079	2.37	2.11	14
100:	2.80	.100	2.97	2.62	14
125:	3.29	.126	3.50	3.06	14
150:	3.69	.147	3.93	3.43	14
175:	4.05	.167	4.34	3.77	14
200:	4.39	.177	4.71	4.10	14
225:	4.72	.184	5.05	4.42	14
250:	5.04	.192	5.38	4.73	14
300:	5.66	.204	6.01	5.33	14
400:	6.83	.202	7.17	6.60	13
500:	7.90	.212	8.28	7.66	13
600:	8.88	.223	9.29	8.59	13
700:	9.79	.239	10.26	9.46	13
800:	10.65	.255	11.16	10.28	13
900:	11.46	.267	12.00	11.06	13
1000:	12.22	.281	12.81	11.80	13
1200:	13.64	.296	14.26	13.17	13
1500:	15.48	.246	15.85	15.01	10
2000:	18.25	.136	18.41	18.17	3
2500:	20.76	.205	20.91	20.62	2
3000:	23.10	.262	23.29	22.92	2
3500:	25.59	----- N/A -----			1

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	14
10:	.02	.000	.02	.02	14
20:	.07	.004	.08	.07	14
30:	.16	.006	.17	.15	14
50:	.40	.019	.42	.36	14
75:	.74	.031	.82	.72	14
100:	1.27	.053	1.36	1.18	14
125:	1.82	.084	1.97	1.68	14
150:	2.39	.118	2.59	2.20	14
175:	2.99	.151	3.27	2.77	14
200:	3.64	.173	3.97	3.40	14
225:	4.35	.192	4.71	4.08	14
250:	5.12	.209	5.51	4.83	14
300:	6.85	.243	7.28	6.53	14
400:	10.98	.289	11.48	10.61	13
500:	15.85	.357	16.54	15.24	13
600:	21.34	.442	22.19	20.49	13
700:	27.41	.588	28.60	26.24	13
800:	33.95	.734	35.51	32.54	13
900:	40.95	.870	42.82	39.29	13
1000:	48.34	1.016	50.61	46.44	13
1200:	64.29	1.277	67.14	61.77	13
1500:	90.46	1.729	93.09	87.06	10
2000:	139.98	1.715	141.79	138.38	3
2500:	196.77	3.295	199.10	194.44	2
3000:	262.41	4.830	265.83	259.00	2
3500:	342.16	----- N/A -----			1

SEPTEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.12	.290	6.33	5.92	2
10:	6.14	.113	6.22	6.06	2
20:	6.18	.049	6.22	6.15	2
30:	6.21	.007	6.22	6.21	2
50:	6.97	.127	7.06	6.88	2
75:	6.90	.035	6.93	6.88	2
100:	6.74	.198	6.88	6.60	2
125:	5.64	.049	5.68	5.61	2
150:	4.75	.431	5.06	4.45	2
175:	4.12	.269	4.31	3.93	2
200:	3.74	.205	3.89	3.60	2
225:	3.48	.134	3.58	3.39	2
250:	3.25	.064	3.30	3.21	2
300:	2.66	.071	2.71	2.61	2
400:	1.77	.127	1.86	1.68	2
500:	1.03	.057	1.07	.99	2
600:	.79	.049	.83	.76	2
700:	.61	.042	.64	.58	2
800:	.51	.035	.54	.49	2
900:	.48	.007	.49	.48	2
1000:	.46	.007	.47	.46	2
1200:	.54	.014	.55	.53	2
1500:	.66	.057	.70	.62	2
2000:	1.28	----- N/A -----			1
2500:	1.91	----- N/A -----			1
3000:	2.72	----- N/A -----			1
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1500	1.4	1503	1498	14
10:	1500	1.7	1503	1497	14
20:	1500	1.7	1502	1497	14
30:	1496	6.2	1502	1484	14
50:	1480	2.6	1484	1475	14
75:	1475	2.0	1479	1472	14
100:	1473	1.7	1475	1470	14
125:	1473	2.1	1476	1471	14
150:	1474	2.3	1477	1470	14
175:	1473	1.8	1476	1470	14
200:	1473	1.4	1475	1471	14
225:	1472	1.5	1475	1470	14
250:	1472	1.3	1474	1470	14
300:	1471	.9	1473	1470	14
400:	1472	.6	1473	1471	13
500:	1473	.5	1474	1473	13
600:	1474	.5	1475	1474	13
700:	1475	.4	1476	1475	13
800:	1476	.4	1477	1476	13
900:	1477	.3	1478	1477	13
1000:	1478	.3	1479	1478	13
1200:	1480	.3	1481	1480	13
1500:	1483	.3	1484	1483	10
2000:	1490	.6	1491	1490	3
2500:	1498	.0	1498	1498	2
3000:	1506	.0	1506	1506	2
3500:	1514	----- N/A -----			1

DELTA -DM

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.220	.2799	12.808	11.803	13
10:	11.859	.2721	12.440	11.464	13
20:	11.561	.2641	12.073	11.127	13
30:	11.146	.2576	11.705	10.788	13
50:	10.549	.2434	11.068	10.191	13
75:	9.952	.2289	10.438	9.588	13
100:	9.403	.2066	9.838	9.069	13
125:	8.913	.1912	9.307	8.573	13
150:	8.504	.1810	8.874	8.152	13
175:	8.144	.1696	8.492	7.797	13
200:	7.803	.1616	8.137	7.469	13
225:	7.474	.1559	7.798	7.150	13
250:	7.154	.1506	7.467	6.841	13
300:	6.538	.1404	6.834	6.252	13
400:	5.386	.1207	5.640	5.155	13
500:	4.323	.0993	4.531	4.148	13
600:	3.344	.0784	3.521	3.211	13
700:	2.427	.0518	2.552	2.342	13
800:	1.572	.0326	1.648	1.519	13
900:	.764	.0156	.804	.739	13
1000:	.000	.0000	.000	.000	13
1200:	-1.422	.0289	-1.366	-1.476	13
1500:	-3.342	.0748	-3.204	-3.443	10
2000:	-6.130	.0884	-6.054	-6.227	3
2500:	-8.612	.1633	-8.497	-8.728	2
3000:	-10.954	.2185	-10.800	-11.109	2
3500:	-13.413	----- N/A -----			1

OCTOBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.97	.460	10.30	9.65	2
10:	9.97	.460	10.30	9.65	2
20:	9.95	.431	10.26	9.65	2
30:	9.96	.445	10.28	9.65	2
50:	9.98	.467	10.31	9.65	2
75:	6.49	.622	6.93	6.05	2
100:	5.33	.276	5.53	5.14	2
125:	5.05	.424	5.35	4.75	2
150:	5.33	.127	5.42	5.24	2
175:	5.31	.085	5.37	5.25	2
200:	5.09	.099	5.16	5.02	2
225:	4.80	.099	4.87	4.73	2
250:	4.56	.120	4.65	4.48	2
300:	4.30	.127	4.39	4.21	2
400:	4.04	.141	4.14	3.94	2
500:	3.82	----- N/A -----			1
600:	3.60	----- N/A -----			1
700:	3.43	----- N/A -----			1
800:	3.26	----- N/A -----			1
900:	3.10	----- N/A -----			1
1000:	2.91	----- N/A -----			1
1200:	2.63	----- N/A -----			1
1500:	2.29	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.467	.0673	32.515	32.420	2
10:	32.446	.0235	32.463	32.430	2
20:	32.445	.0212	32.460	32.430	2
30:	32.445	.0221	32.461	32.430	2
50:	32.446	.0227	32.462	32.430	2
75:	32.633	.0191	32.647	32.620	2
100:	32.862	.0109	32.870	32.854	2
125:	33.373	.1011	33.445	33.302	2
150:	33.646	.0905	33.710	33.582	2
175:	33.805	.0063	33.810	33.801	2
200:	33.851	.0181	33.864	33.839	2
225:	33.869	.0154	33.880	33.858	2
250:	33.887	.0177	33.900	33.875	2
300:	33.912	.0255	33.930	33.894	2
400:	34.035	.0367	34.061	34.010	2
500:	34.125	----- N/A -----			1
600:	34.204	----- N/A -----			1
700:	34.261	----- N/A -----			1
800:	34.319	----- N/A -----			1
900:	34.376	----- N/A -----			1
1000:	34.416	----- N/A -----			1
1200:	34.473	----- N/A -----			1
1500:	34.530	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.008	.0240	25.021	24.987	2
10:	24.987	.0587	25.029	24.946	2
20:	24.989	.0545	25.028	24.951	2
30:	24.988	.0566	25.028	24.948	2
50:	24.986	.0594	25.028	24.944	2
75:	25.646	.0650	25.692	25.600	2
100:	25.968	.0226	25.984	25.952	2
125:	26.404	.1287	26.495	26.313	2
150:	26.567	.0566	26.607	26.547	2
175:	26.715	.0149	26.726	26.705	2
200:	26.778	.0019	26.780	26.776	2
225:	26.824	.0007	26.825	26.823	2
250:	26.865	.0000	26.866	26.865	2
300:	26.913	.0071	26.918	26.908	2
400:	27.038	.0143	27.048	27.028	2
500:	27.131	----- N/A -----			1
600:	27.217	----- N/A -----			1
700:	27.278	----- N/A -----			1
800:	27.341	----- N/A -----			1
900:	27.400	----- N/A -----			1
1000:	27.449	----- N/A -----			1
1200:	27.519	----- N/A -----			1
1500:	27.594	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	296.3	2.26	297.9	294.7	2
10:	298.0	5.59	302.0	294.1	2
20:	298.0	5.23	301.7	294.3	2
30:	298.3	5.48	302.2	294.5	2
50:	298.9	5.73	303.0	294.9	2
75:	236.1	6.29	240.6	231.7	2
100:	205.6	2.26	207.2	204.0	2
125:	164.9	12.23	173.1	156.8	2
150:	147.4	5.30	151.2	143.7	2
175:	135.6	1.41	136.6	134.6	2
200:	129.9	.21	130.1	129.8	2
225:	125.6	.07	125.7	125.6	2
250:	121.9	.00	121.9	121.9	2
300:	117.6	.49	118.0	117.3	2
400:	106.5	1.13	107.3	105.7	2
500:	98.3	----- N/A -----			1
600:	90.8	----- N/A -----			1
700:	85.5	----- N/A -----			1
800:	80.1	----- N/A -----			1
900:	74.9	----- N/A -----			1
1000:	70.5	----- N/A -----			1
1200:	64.4	----- N/A -----			1
1500:	57.9	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

OCTOBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	9.97	.460	10.30	9.65	2
10:	9.97	.467	10.30	9.64	2
20:	9.95	.431	10.26	9.65	2
30:	9.96	.465	10.28	9.65	2
50:	9.97	.467	10.30	9.64	2
75:	6.48	.629	6.93	6.04	2
100:	5.32	.276	5.52	5.13	2
125:	5.04	.424	5.34	4.74	2
150:	5.32	.127	5.41	5.23	2
175:	5.30	.085	5.36	5.24	2
200:	5.07	.099	5.14	5.00	2
225:	4.78	.099	4.85	4.71	2
250:	4.54	.120	4.63	4.46	2
300:	4.28	.127	4.37	4.19	2
400:	4.01	.141	4.11	3.91	2
500:	3.78	----- N/A -----			1
600:	3.55	----- N/A -----			1
700:	3.38	----- N/A -----			1
800:	3.20	----- N/A -----			1
900:	3.04	----- N/A -----			1
1000:	2.84	----- N/A -----			1
1200:	2.55	----- N/A -----			1
1500:	2.19	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	296.3	2.26	297.9	294.7	2
10:	297.8	5.52	301.7	293.9	2
20:	297.6	5.23	301.3	293.9	2
30:	297.7	5.37	301.5	293.9	2
50:	297.9	5.66	301.9	293.9	2
75:	235.1	6.15	239.5	230.8	2
100:	208.5	2.19	206.1	203.0	2
125:	163.1	12.16	171.7	154.5	2
150:	145.7	5.37	149.5	141.9	2
175:	133.5	1.41	134.5	132.5	2
200:	127.6	.28	127.8	127.4	2
225:	123.1	.14	123.2	123.0	2
250:	119.2	.07	119.3	119.2	2
300:	114.6	.64	115.1	114.2	2
400:	102.8	1.27	103.7	101.9	2
500:	93.9	----- N/A -----			1
600:	85.7	----- N/A -----			1
700:	79.9	----- N/A -----			1
800:	73.9	----- N/A -----			1
900:	68.2	----- N/A -----			1
1000:	63.5	----- N/A -----			1
1200:	56.8	----- N/A -----			1
1500:	49.6	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA U

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	2
10:	.29	.007	.30	.29	2
20:	.60	.014	.61	.59	2
30:	.89	.021	.91	.88	2
50:	1.51	.028	1.53	1.49	2
75:	2.17	.035	2.20	2.15	2
100:	2.72	.028	2.74	2.70	2
125:	3.18	.007	3.19	3.18	2
150:	3.57	.014	3.58	3.56	2
175:	3.92	.000	3.92	3.92	2
200:	4.25	.000	4.25	4.25	2
225:	4.57	.000	4.57	4.57	2
250:	4.88	.000	4.88	4.88	2
300:	5.48	.000	5.48	5.48	2
400:	6.60	.014	6.61	6.59	2
500:	7.63	----- N/A -----			1
600:	8.56	----- N/A -----			1
700:	9.44	----- N/A -----			1
800:	10.27	----- N/A -----			1
900:	11.05	----- N/A -----			1
1000:	11.77	----- N/A -----			1
1200:	13.12	----- N/A -----			1
1500:	14.91	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	2
10:	.01	.007	.02	.01	2
20:	.06	.000	.06	.06	2
30:	.13	.007	.14	.13	2
50:	.39	.014	.40	.38	2
75:	.81	.014	.82	.80	2
100:	1.29	.007	1.30	1.29	2
125:	1.82	.021	1.84	1.81	2
150:	2.36	.035	2.39	2.34	2
175:	2.95	.028	2.97	2.93	2
200:	3.58	.028	3.60	3.56	2
225:	4.27	.021	4.29	4.26	2
250:	5.01	.021	5.03	5.00	2
300:	6.70	.028	6.72	6.68	2
400:	10.69	.014	10.70	10.68	2
500:	15.42	----- N/A -----			1
600:	20.68	----- N/A -----			1
700:	26.50	----- N/A -----			1
800:	32.85	----- N/A -----			1
900:	39.54	----- N/A -----			1
1000:	46.56	----- N/A -----			1
1200:	61.70	----- N/A -----			1
1500:	86.36	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

OCTOBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:		----- N/A	-----		0
10:		----- N/A	-----		0
20:		----- N/A	-----		0
30:		----- N/A	-----		0
50:		----- N/A	-----		0
75:		----- N/A	-----		0
100:		----- N/A	-----		0
125:		----- N/A	-----		0
150:		----- N/A	-----		0
175:		----- N/A	-----		0
200:		----- N/A	-----		0
225:		----- N/A	-----		0
250:		----- N/A	-----		0
300:		----- N/A	-----		0
400:		----- N/A	-----		0
500:		----- N/A	-----		0
600:		----- N/A	-----		0
700:		----- N/A	-----		0
800:		----- N/A	-----		0
900:		----- N/A	-----		0
1000:		----- N/A	-----		0
1200:		----- N/A	-----		0
1500:		----- N/A	-----		0
2000:		----- N/A	-----		0
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1487	1.4	1488	1486	2
10:	1487	1.4	1488	1486	2
20:	1487	1.4	1488	1486	2
30:	1487	2.1	1489	1486	2
50:	1488	1.4	1489	1487	2
75:	1475	2.8	1477	1473	2
100:	1471	1.4	1472	1470	2
125:	1471	1.4	1472	1470	2
150:	1473	.0	1473	1473	2
175:	1473	.7	1474	1473	2
200:	1473	.0	1473	1473	2
225:	1472	.7	1473	1472	2
250:	1471	.7	1472	1471	2
300:	1471	.7	1472	1471	2
400:	1472	.7	1473	1472	2
500:	1473	----- N/A	-----		1
600:	1474	----- N/A	-----		1
700:	1475	----- N/A	-----		1
800:	1476	----- N/A	-----		1
900:	1477	----- N/A	-----		1
1000:	1478	----- N/A	-----		1
1200:	1480	----- N/A	-----		1
1500:	1484	----- N/A	-----		1
2000:		----- N/A	-----		0
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.772	----- N/A	-----		1
10:	11.478	----- N/A	-----		1
20:	11.184	----- N/A	-----		1
30:	10.889	----- N/A	-----		1
50:	10.283	----- N/A	-----		1
75:	9.625	----- N/A	-----		1
100:	9.071	----- N/A	-----		1
125:	8.592	----- N/A	-----		1
150:	8.196	----- N/A	-----		1
175:	7.850	----- N/A	-----		1
200:	7.520	----- N/A	-----		1
225:	7.201	----- N/A	-----		1
250:	6.896	----- N/A	-----		1
300:	6.290	----- N/A	-----		1
400:	5.179	----- N/A	-----		1
500:	4.146	----- N/A	-----		1
600:	3.209	----- N/A	-----		1
700:	2.328	----- N/A	-----		1
800:	1.498	----- N/A	-----		1
900:	.726	----- N/A	-----		1
1000:	.000	----- N/A	-----		1
1200:	-1.349	----- N/A	-----		1
1500:	-3.141	----- N/A	-----		1
2000:		----- N/A	-----		0
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

NOVEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.40	----- N/A	-----		1
10:	10.28	----- N/A	-----		1
20:	10.28	----- N/A	-----		1
30:	10.28	----- N/A	-----		1
50:	9.92	----- N/A	-----		1
75:	6.32	----- N/A	-----		1
100:	5.56	----- N/A	-----		1
125:	5.66	----- N/A	-----		1
150:	6.12	----- N/A	-----		1
175:	5.99	----- N/A	-----		1
200:	5.63	----- N/A	-----		1
225:	5.32	----- N/A	-----		1
250:	5.03	----- N/A	-----		1
300:	4.49	----- N/A	-----		1
400:	4.17	----- N/A	-----		1
500:	3.98	----- N/A	-----		1
600:	3.76	----- N/A	-----		1
700:	3.53	----- N/A	-----		1
800:	3.32	----- N/A	-----		1
900:	3.13	----- N/A	-----		1
1000:	2.97	----- N/A	-----		1
1200:	2.69	----- N/A	-----		1
1500:	2.35	----- N/A	-----		1
2000:	1.96	----- N/A	-----		1
2500:	1.73	----- N/A	-----		1
3000:	1.57	----- N/A	-----		1
3500:		----- N/A	-----		0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.685	----- N/A	-----		1
10:	32.663	----- N/A	-----		1
20:	32.669	----- N/A	-----		1
30:	32.672	----- N/A	-----		1
50:	32.681	----- N/A	-----		1
75:	32.872	----- N/A	-----		1
100:	32.943	----- N/A	-----		1
125:	33.202	----- N/A	-----		1
150:	33.731	----- N/A	-----		1
175:	33.840	----- N/A	-----		1
200:	33.858	----- N/A	-----		1
225:	33.864	----- N/A	-----		1
250:	33.870	----- N/A	-----		1
300:	33.881	----- N/A	-----		1
400:	33.953	----- N/A	-----		1
500:	34.061	----- N/A	-----		1
600:	34.160	----- N/A	-----		1
700:	34.231	----- N/A	-----		1
800:	34.288	----- N/A	-----		1
900:	34.336	----- N/A	-----		1
1000:	34.377	----- N/A	-----		1
1200:	34.440	----- N/A	-----		1
1500:	34.499	----- N/A	-----		1
2000:	34.580	----- N/A	-----		1
2500:	34.628	----- N/A	-----		1
3000:	34.660	----- N/A	-----		1
3500:		----- N/A	-----		0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.102	----- N/A	-----		1
10:	25.105	----- N/A	-----		1
20:	25.110	----- N/A	-----		1
30:	25.112	----- N/A	-----		1
50:	25.180	----- N/A	-----		1
75:	25.857	----- N/A	-----		1
100:	26.005	----- N/A	-----		1
125:	26.199	----- N/A	-----		1
150:	26.558	----- N/A	-----		1
175:	26.661	----- N/A	-----		1
200:	26.719	----- N/A	-----		1
225:	26.761	----- N/A	-----		1
250:	26.799	----- N/A	-----		1
300:	26.868	----- N/A	-----		1
400:	26.960	----- N/A	-----		1
500:	27.065	----- N/A	-----		1
600:	27.165	----- N/A	-----		1
700:	27.245	----- N/A	-----		1
800:	27.311	----- N/A	-----		1
900:	27.366	----- N/A	-----		1
1000:	27.414	----- N/A	-----		1
1200:	27.488	----- N/A	-----		1
1500:	27.564	----- N/A	-----		1
2000:	27.660	----- N/A	-----		1
2500:	27.716	----- N/A	-----		1
3000:	27.753	----- N/A	-----		1
3500:		----- N/A	-----		0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	287.0	----- N/A	-----		1
10:	286.9	----- N/A	-----		1
20:	286.6	----- N/A	-----		1
30:	286.6	----- N/A	-----		1
50:	280.5	----- N/A	-----		1
75:	216.1	----- N/A	-----		1
100:	202.1	----- N/A	-----		1
125:	184.1	----- N/A	-----		1
150:	150.5	----- N/A	-----		1
175:	141.1	----- N/A	-----		1
200:	135.7	----- N/A	-----		1
225:	131.8	----- N/A	-----		1
250:	128.4	----- N/A	-----		1
300:	122.0	----- N/A	-----		1
400:	114.0	----- N/A	-----		1
500:	104.7	----- N/A	-----		1
600:	95.9	----- N/A	-----		1
700:	88.8	----- N/A	-----		1
800:	83.0	----- N/A	-----		1
900:	78.1	----- N/A	-----		1
1000:	73.9	----- N/A	-----		1
1200:	67.4	----- N/A	-----		1
1500:	60.9	----- N/A	-----		1
2000:	52.5	----- N/A	-----		1
2500:	47.9	----- N/A	-----		1
3000:	45.0	----- N/A	-----		1
3500:		----- N/A	-----		0

NOVEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	10.40	----- N/A -----			1
10:	10.28	----- N/A -----			1
20:	10.28	----- N/A -----			1
30:	10.27	----- N/A -----			1
50:	9.91	----- N/A -----			1
75:	6.31	----- N/A -----			1
100:	5.55	----- N/A -----			1
125:	5.65	----- N/A -----			1
150:	6.10	----- N/A -----			1
175:	5.97	----- N/A -----			1
200:	5.62	----- N/A -----			1
225:	5.30	----- N/A -----			1
250:	5.01	----- N/A -----			1
300:	4.47	----- N/A -----			1
400:	4.14	----- N/A -----			1
500:	3.94	----- N/A -----			1
600:	3.72	----- N/A -----			1
700:	3.48	----- N/A -----			1
800:	3.26	----- N/A -----			1
900:	3.07	----- N/A -----			1
1000:	2.90	----- N/A -----			1
1200:	2.61	----- N/A -----			1
1500:	2.25	----- N/A -----			1
2000:	1.83	----- N/A -----			1
2500:	1.55	----- N/A -----			1
3000:	1.35	----- N/A -----			1
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	287.0	----- N/A -----			1
10:	286.6	----- N/A -----			1
20:	286.2	----- N/A -----			1
30:	285.9	----- N/A -----			1
50:	279.5	----- N/A -----			1
75:	215.1	----- N/A -----			1
100:	201.0	----- N/A -----			1
125:	182.6	----- N/A -----			1
150:	148.4	----- N/A -----			1
175:	138.7	----- N/A -----			1
200:	133.1	----- N/A -----			1
225:	129.1	----- N/A -----			1
250:	125.5	----- N/A -----			1
300:	119.0	----- N/A -----			1
400:	110.2	----- N/A -----			1
500:	100.1	----- N/A -----			1
600:	90.6	----- N/A -----			1
700:	83.0	----- N/A -----			1
800:	76.7	----- N/A -----			1
900:	71.5	----- N/A -----			1
1000:	66.9	----- N/A -----			1
1200:	59.7	----- N/A -----			1
1500:	52.4	----- N/A -----			1
2000:	43.1	----- N/A -----			1
2500:	37.6	----- N/A -----			1
3000:	33.8	----- N/A -----			1
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	----- N/A -----			1
10:	.29	----- N/A -----			1
20:	.57	----- N/A -----			1
30:	.86	----- N/A -----			1
50:	1.45	----- N/A -----			1
75:	2.06	----- N/A -----			1
100:	2.59	----- N/A -----			1
125:	3.08	----- N/A -----			1
150:	3.49	----- N/A -----			1
175:	3.85	----- N/A -----			1
200:	4.20	----- N/A -----			1
225:	4.53	----- N/A -----			1
250:	4.86	----- N/A -----			1
300:	5.48	----- N/A -----			1
400:	6.67	----- N/A -----			1
500:	7.76	----- N/A -----			1
600:	8.76	----- N/A -----			1
700:	9.69	----- N/A -----			1
800:	10.54	----- N/A -----			1
900:	11.35	----- N/A -----			1
1000:	12.11	----- N/A -----			1
1200:	13.51	----- N/A -----			1
1500:	15.43	----- N/A -----			1
2000:	18.26	----- N/A -----			1
2500:	20.75	----- N/A -----			1
3000:	23.07	----- N/A -----			1
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	----- N/A -----			1
10:	.01	----- N/A -----			1
20:	.06	----- N/A -----			1
30:	.13	----- N/A -----			1
50:	.37	----- N/A -----			1
75:	.76	----- N/A -----			1
100:	1.23	----- N/A -----			1
125:	1.79	----- N/A -----			1
150:	2.37	----- N/A -----			1
175:	2.97	----- N/A -----			1
200:	3.63	----- N/A -----			1
225:	4.35	----- N/A -----			1
250:	5.14	----- N/A -----			1
300:	6.89	----- N/A -----			1
400:	11.11	----- N/A -----			1
500:	16.13	----- N/A -----			1
600:	21.73	----- N/A -----			1
700:	27.85	----- N/A -----			1
800:	34.40	----- N/A -----			1
900:	41.37	----- N/A -----			1
1000:	48.73	----- N/A -----			1
1200:	64.47	----- N/A -----			1
1500:	90.88	----- N/A -----			1
2000:	141.03	----- N/A -----			1
2500:	198.12	----- N/A -----			1
3000:	263.08	----- N/A -----			1
3500:		----- N/A -----			0

NOVEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	6.65	----- N/A -----			1
10:	6.49	----- N/A -----			1
20:	6.45	----- N/A -----			1
30:	6.43	----- N/A -----			1
50:	6.53	----- N/A -----			1
75:	6.81	----- N/A -----			1
100:	6.84	----- N/A -----			1
125:	6.25	----- N/A -----			1
150:	5.07	----- N/A -----			1
175:	4.54	----- N/A -----			1
200:	4.08	----- N/A -----			1
225:	3.68	----- N/A -----			1
250:	3.32	----- N/A -----			1
300:	2.80	----- N/A -----			1
400:	2.16	----- N/A -----			1
500:	1.41	----- N/A -----			1
600:	.92	----- N/A -----			1
700:	.71	----- N/A -----			1
800:	.58	----- N/A -----			1
900:	.52	----- N/A -----			1
1000:	.49	----- N/A -----			1
1200:	.51	----- N/A -----			1
1500:	.71	----- N/A -----			1
2000:	1.34	----- N/A -----			1
2500:	2.01	----- N/A -----			1
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1489	----- N/A -----			1
10:	1489	----- N/A -----			1
20:	1489	----- N/A -----			1
30:	1489	----- N/A -----			1
50:	1488	----- N/A -----			1
75:	1475	----- N/A -----			1
100:	1472	----- N/A -----			1
125:	1473	----- N/A -----			1
150:	1476	----- N/A -----			1
175:	1476	----- N/A -----			1
200:	1475	----- N/A -----			1
225:	1474	----- N/A -----			1
250:	1474	----- N/A -----			1
300:	1472	----- N/A -----			1
400:	1473	----- N/A -----			1
500:	1474	----- N/A -----			1
600:	1475	----- N/A -----			1
700:	1475	----- N/A -----			1
800:	1476	----- N/A -----			1
900:	1477	----- N/A -----			1
1000:	1478	----- N/A -----			1
1200:	1480	----- N/A -----			1
1500:	1484	----- N/A -----			1
2000:	1491	----- N/A -----			1
2500:	1498	----- N/A -----			1
3000:	1506	----- N/A -----			1
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.108	----- N/A -----			1
10:	11.820	----- N/A -----			1
20:	11.535	----- N/A -----			1
30:	11.248	----- N/A -----			1
50:	10.660	----- N/A -----			1
75:	10.046	----- N/A -----			1
100:	9.523	----- N/A -----			1
125:	9.031	----- N/A -----			1
150:	8.618	----- N/A -----			1
175:	8.255	----- N/A -----			1
200:	7.909	----- N/A -----			1
225:	7.575	----- N/A -----			1
250:	7.250	----- N/A -----			1
300:	6.625	----- N/A -----			1
400:	5.441	----- N/A -----			1
500:	4.346	----- N/A -----			1
600:	3.345	----- N/A -----			1
700:	2.422	----- N/A -----			1
800:	1.564	----- N/A -----			1
900:	.760	----- N/A -----			1
1000:	.000	----- N/A -----			1
1200:	-1.404	----- N/A -----			1
1500:	-3.326	----- N/A -----			1
2000:	-6.146	----- N/A -----			1
2500:	-8.639	----- N/A -----			1
3000:	-10.957	----- N/A -----			1
3500:		----- N/A -----			0

DECEMBER

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.65	.800	8.81	6.00	11
10:	7.79	.654	8.80	7.07	11
20:	7.79	.656	8.80	7.07	11
30:	7.78	.653	8.79	7.07	11
50:	7.77	.633	8.77	7.07	11
75:	7.66	.644	8.76	7.01	11
100:	5.54	.585	6.52	4.53	11
125:	5.16	.481	5.99	4.45	11
150:	5.30	.557	6.10	4.49	11
175:	5.21	.580	6.20	4.52	11
200:	4.95	.524	5.80	4.33	11
225:	4.71	.476	5.39	4.17	11
250:	4.50	.429	5.15	3.98	11
300:	4.21	.285	4.66	3.75	11
400:	3.93	.150	4.12	3.70	11
500:	3.80	.116	3.96	3.63	10
600:	3.62	.098	3.74	3.46	10
700:	3.45	.078	3.55	3.32	10
800:	3.27	.066	3.36	3.15	10
900:	3.10	.058	3.20	3.01	10
1000:	2.93	.051	3.04	2.88	10
1200:	2.66	.041	2.74	2.61	10
1500:	2.33	.041	2.37	2.24	9
2000:	1.96	.021	1.98	1.95	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.580	.0912	32.729	32.460	11
10:	32.578	.0857	32.708	32.460	11
20:	32.580	.0861	32.714	32.460	11
30:	32.582	.0857	32.717	32.460	11
50:	32.586	.0851	32.714	32.460	11
75:	32.596	.0888	32.713	32.460	11
100:	32.878	.1090	33.041	32.654	11
125:	33.258	.2099	33.590	32.850	11
150:	33.639	.1629	33.810	33.224	11
175:	33.773	.0897	33.850	33.556	11
200:	33.815	.0666	33.900	33.684	11
225:	33.830	.0592	33.910	33.714	11
250:	33.848	.0496	33.910	33.742	11
300:	33.891	.0314	33.920	33.825	11
400:	33.995	.0265	34.047	33.957	11
500:	34.090	.0171	34.119	34.070	10
600:	34.169	.0189	34.203	34.141	10
700:	34.235	.0194	34.272	34.206	10
800:	34.289	.0160	34.311	34.263	10
900:	34.334	.0159	34.349	34.310	10
1000:	34.375	.0133	34.395	34.356	10
1200:	34.439	.0160	34.456	34.410	10
1500:	34.506	.0235	34.537	34.471	9
2000:	34.588	.0243	34.605	34.571	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

STGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.446	.1251	25.629	25.269	11
10:	25.427	.1193	25.602	25.269	11
20:	25.428	.1163	25.601	25.268	11
30:	25.430	.1145	25.603	25.275	11
50:	25.436	.1114	25.611	25.272	11
75:	25.458	.1178	25.631	25.287	11
100:	25.955	.0988	26.131	25.830	11
125:	26.299	.1668	26.577	25.998	11
150:	26.564	.1260	26.756	26.297	11
175:	26.701	.0625	26.797	26.582	11
200:	26.763	.0420	26.837	26.689	11
225:	26.803	.0361	26.866	26.749	11
250:	26.840	.0333	26.888	26.790	11
300:	26.905	.0257	26.949	26.865	11
400:	27.018	.0290	27.074	26.977	11
500:	27.105	.0215	27.137	27.074	10
600:	27.186	.0226	27.218	27.153	10
700:	27.256	.0194	27.289	27.226	10
800:	27.316	.0169	27.336	27.291	10
900:	27.368	.0162	27.385	27.344	10
1000:	27.415	.0135	27.432	27.390	10
1200:	27.490	.0141	27.507	27.467	10
1500:	27.572	.0193	27.597	27.544	9
2000:	27.666	.0206	27.681	27.652	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	254.2	11.88	271.1	236.9	11
10:	256.2	11.36	271.7	239.5	11
20:	256.3	11.08	271.5	239.7	11
30:	256.2	10.90	271.0	239.7	11
50:	256.0	10.65	271.6	239.2	11
75:	254.1	11.25	270.6	237.7	11
100:	206.9	9.45	219.0	190.1	11
125:	174.4	15.82	202.9	148.1	11
150:	147.8	11.99	174.9	131.4	11
175:	137.0	6.02	148.1	127.7	11
200:	131.3	4.10	138.6	124.0	11
225:	127.6	3.56	133.6	121.4	11
250:	124.2	3.30	129.2	119.3	11
300:	118.3	2.56	122.3	114.0	11
400:	108.4	2.84	112.3	102.9	11
500:	100.7	2.14	103.9	97.5	10
600:	93.7	2.25	97.0	90.6	10
700:	87.6	1.89	90.5	84.5	10
800:	82.4	1.68	84.9	80.5	10
900:	77.9	1.59	80.3	76.1	10
1000:	73.7	1.34	76.3	72.1	10
1200:	67.1	1.38	69.6	65.5	10
1500:	60.0	1.83	62.6	57.6	9
2000:	51.9	1.98	53.3	50.5	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DECEMBER

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.65	.800	8.81	6.00	11
10:	7.79	.654	8.80	7.07	11
20:	7.79	.656	8.80	7.07	11
30:	7.78	.653	8.79	7.07	11
50:	7.76	.632	8.76	7.07	11
75:	7.65	.644	8.75	7.00	11
100:	5.53	.585	6.51	4.52	11
125:	5.15	.481	5.98	4.44	11
150:	5.29	.557	6.08	4.48	11
175:	5.19	.579	6.18	4.51	11
200:	4.94	.521	5.78	4.32	11
225:	4.69	.474	5.37	4.15	11
250:	4.48	.429	5.13	3.96	11
300:	4.19	.286	4.64	3.73	11
400:	3.90	.150	4.09	3.67	11
500:	3.77	.117	3.92	3.59	10
600:	3.58	.096	3.69	3.42	10
700:	3.40	.078	3.50	3.27	10
800:	3.21	.065	3.32	3.10	10
900:	3.03	.059	3.14	2.95	10
1000:	2.86	.050	2.97	2.81	10
1200:	2.57	.040	2.65	2.53	10
1500:	2.23	.041	2.27	2.14	9
2000:	1.82	.021	1.84	1.81	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	254.2	11.88	271.1	236.9	11
10:	256.1	11.35	271.5	239.3	11
20:	255.9	11.06	271.1	239.4	11
30:	255.7	10.88	270.5	239.3	11
50:	255.2	10.59	270.7	238.5	11
75:	253.0	11.18	269.2	236.6	11
100:	205.8	9.42	217.7	189.0	11
125:	173.1	15.85	201.7	146.7	11
150:	146.0	11.97	173.5	129.7	11
175:	134.9	5.92	146.2	125.8	11
200:	129.0	3.95	135.9	122.0	11
225:	125.2	3.43	130.8	119.2	11
250:	121.6	3.14	126.3	117.1	11
300:	115.4	2.42	119.2	111.3	11
400:	104.7	2.74	108.6	99.4	11
500:	96.3	2.04	99.3	93.3	10
600:	88.7	2.15	91.8	85.6	10
700:	82.0	1.82	84.8	78.9	10
800:	76.2	1.59	78.6	74.4	10
900:	71.3	1.52	73.5	69.7	10
1000:	66.7	1.27	69.1	65.1	10
1200:	59.5	1.35	61.8	57.9	10
1500:	51.7	1.85	54.4	49.3	9
2000:	42.5	1.98	43.9	41.1	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.26	.012	.27	.24	11
20:	.51	.023	.54	.48	11
30:	.77	.032	.81	.72	11
50:	1.28	.056	1.36	1.20	11
75:	1.93	.077	2.03	1.80	11
	2.50	.094	2.64	2.38	11
125:	2.98	.103	3.13	2.82	11
150:	3.38	.123	3.56	3.16	11
175:	3.73	.137	3.93	3.49	11
200:	4.07	.149	4.27	3.80	11
225:	4.39	.155	4.60	4.11	11
250:	4.70	.162	4.92	4.41	11
300:	5.31	.175	5.53	5.00	11
400:	6.44	.194	6.70	6.11	11
500:	7.47	.218	7.77	7.13	10
600:	8.44	.242	8.79	8.07	10
700:	9.35	.260	9.73	8.95	10
800:	10.19	.274	10.59	9.77	10
900:	11.00	.287	11.42	10.56	10
1000:	11.75	.301	12.20	11.30	10
1200:	13.15	.316	13.60	12.69	10
1500:	15.03	.347	15.52	14.58	9
2000:	17.99	.587	18.41	17.58	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	11
10:	.01	.000	.01	.01	11
20:	.05	.004	.06	.05	11
30:	.12	.005	.12	.11	11
50:	.33	.016	.35	.30	11
75:	.74	.028	.78	.69	11
100:	1.25	.043	1.31	1.19	11
125:	1.79	.063	1.89	1.67	11
150:	2.35	.104	2.51	2.16	11
175:	2.94	.137	3.18	2.70	11
200:	3.58	.158	3.86	3.30	11
225:	4.28	.176	4.57	3.96	11
250:	5.04	.197	5.35	4.68	11
300:	6.74	.229	7.07	6.35	11
400:	10.77	.303	11.19	10.31	11
500:	15.52	.413	16.13	14.92	10
600:	20.98	.545	21.76	20.21	10
700:	26.98	.673	27.95	26.05	10
800:	33.46	.777	34.59	32.36	10
900:	40.41	.926	41.77	39.14	10
1000:	47.74	1.049	49.31	46.37	10
1200:	63.40	1.276	65.65	61.75	10
1500:	89.53	1.807	92.67	86.99	9
2000:	140.88	4.483	144.05	137.71	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DECEMBER

OXYGEN

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	7.06	----- N/A -----			1
10:	7.07	----- N/A -----			1
20:	7.10	----- N/A -----			1
30:	7.10	----- N/A -----			1
50:	7.03	----- N/A -----			1
75:	7.05	----- N/A -----			1
100:	6.91	----- N/A -----			1
125:	6.11	----- N/A -----			1
150:	4.92	----- N/A -----			1
175:	4.25	----- N/A -----			1
200:	3.87	----- N/A -----			1
225:	3.56	----- N/A -----			1
250:	3.24	----- N/A -----			1
300:	2.71	----- N/A -----			1
400:	1.87	----- N/A -----			1
500:	1.24	----- N/A -----			1
600:	.94	----- N/A -----			1
700:	.69	----- N/A -----			1
800:	.60	----- N/A -----			1
900:	.52	----- N/A -----			1
1000:	.49	----- N/A -----			1
1200:	.50	----- N/A -----			1
1500:	.73	----- N/A -----			1
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SOUND

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	1478	3.1	1483	1472	11
10:	1479	2.6	1483	1476	11
20:	1479	2.5	1483	1476	11
30:	1479	2.4	1483	1477	11
50:	1479	2.4	1484	1477	11
75:	1479	2.6	1484	1477	11
100:	1472	2.4	1476	1468	11
125:	1471	2.0	1475	1468	11
150:	1472	2.4	1476	1469	11
175:	1473	2.5	1477	1470	11
200:	1472	2.3	1476	1470	11
225:	1472	2.0	1475	1470	11
250:	1471	1.9	1474	1469	11
300:	1471	1.2	1473	1469	11
400:	1471	.6	1473	1471	11
500:	1473	.7	1474	1472	10
600:	1473	.4	1474	1473	10
700:	1474	.3	1475	1474	10
800:	1475	.3	1476	1475	10
900:	1477	.0	1477	1477	10
1000:	1478	.0	1478	1478	10
1200:	1480	.0	1480	1480	10
1500:	1483	.3	1484	1483	9
2000:	1491	.0	1491	1491	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.755	.3004	12.195	11.303	10
10:	11.498	.2916	11.927	11.057	10
20:	11.241	.2841	11.659	10.811	10
30:	10.983	.2763	11.391	10.564	10
50:	10.469	.2620	10.856	10.070	10
75:	9.823	.2479	10.188	9.441	10
100:	9.250	.2328	9.627	8.911	10
125:	8.780	.2137	9.133	8.488	10
150:	8.385	.1917	8.690	8.120	10
175:	8.036	.1777	8.310	7.782	10
200:	7.704	.1684	7.957	7.460	10
225:	7.382	.1597	7.618	7.151	10
250:	7.068	.1522	7.289	6.842	10
300:	6.463	.1385	6.663	6.267	10
400:	5.331	.1131	5.497	5.180	10
500:	4.287	.0893	4.422	4.175	10
600:	3.314	.0669	3.414	3.229	10
700:	2.408	.0480	2.482	2.353	10
800:	1.559	.0318	1.608	1.524	10
900:	.758	.0145	.783	.742	10
1000:	.000	.0000	.000	.000	10
1200:	-1.396	.0289	-1.366	-1.457	10
1500:	-3.303	.0742	-3.208	-3.422	9
2000:	-6.163	.2086	-6.016	-6.311	2
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

Table 21. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 11.

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.53	.435	15.18	14.26	4	32.550	.1174	32.724	32.468	4
24.4:	13.45	.317	14.07	13.06	17	32.535	.0822	32.717	32.410	17
24.6:	12.45	.351	13.13	11.96	23	32.561	.0854	32.712	32.410	23
24.8:	11.41	.348	12.09	10.83	29	32.583	.0868	32.723	32.417	29
25.0:	10.36	.334	11.02	9.77	35	32.600	.0827	32.743	32.449	35
25.2:	9.25	.403	10.01	8.40	42	32.615	.0878	32.786	32.427	42
25.4:	8.15	.457	9.28	7.28	59	32.639	.0939	32.831	32.456	59
25.6:	6.99	.462	8.13	6.22	86	32.670	.0816	32.866	32.529	86
25.8:	5.94	.421	7.07	4.96	110	32.750	.0689	32.932	32.596	110
26.0:	5.41	.431	6.31	4.38	117	32.923	.0667	33.065	32.770	117
26.2:	5.32	.422	6.29	4.32	117	33.164	.0643	33.322	33.014	117
26.4:	5.33	.450	6.27	4.39	117	33.416	.0665	33.561	33.282	117
26.6:	5.31	.482	6.26	4.23	117	33.663	.0715	33.808	33.507	117
26.8:	4.74	.336	5.69	3.95	117	33.831	.0468	33.970	33.724	117
27.0:	4.00	.124	4.28	3.66	110	33.984	.0158	34.019	33.943	110
27.2:	3.61	.059	3.80	3.44	107	34.186	.0075	34.210	34.165	107
27.4:	3.01	.054	3.22	2.87	107	34.365	.0065	34.389	34.350	107
		DEPTH					SVA			
24.2:	11	6.2	19	4	4	373.1	.17	373.4	373.0	4
24.4:	23	8.4	34	9	17	354.3	.18	354.6	354.0	17
24.6:	26	7.6	37	13	23	335.2	.11	335.4	335.0	23
24.8:	28	8.8	40	4	29	316.1	.15	316.4	315.8	29
25.0:	31	9.6	52	4	35	297.1	.18	297.6	296.7	35
25.2:	37	9.4	59	10	42	278.1	.17	278.5	277.8	42
25.4:	43	14.1	79	16	59	259.2	.21	259.8	258.8	59
25.6:	62	20.7	103	3	86	240.4	.25	241.0	239.6	86
25.8:	83	18.9	111	29	110	221.5	.21	221.8	220.9	110
26.0:	109	12.0	149	79	117	202.6	.15	203.0	202.4	117
26.2:	122	12.9	163	89	117	183.8	.17	184.3	183.5	117
26.4:	135	14.2	179	98	117	165.0	.20	165.6	164.7	117
26.6:	155	16.4	199	116	117	146.3	.25	147.0	145.9	117
26.8:	223	22.9	286	176	117	127.9	.31	129.0	127.3	117
27.0:	383	25.9	443	337	110	109.9	.28	110.7	109.3	110
27.2:	609	29.8	696	551	107	92.5	.26	93.2	92.0	107
27.4:	958	36.5	1051	826	107	75.1	.20	75.7	74.6	107

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.2:	14.53	.435	15.18	14.26	4	372.2	.76	372.7	371.1	4
24.4:	13.45	.318	14.07	13.06	17	352.0	1.81	353.8	349.0	17
24.6:	12.45	.350	13.13	11.96	23	331.4	3.65	334.7	325.2	23
24.8:	11.41	.347	12.08	10.83	29	311.4	4.26	315.6	303.6	29
25.0:	10.35	.334	11.02	9.76	35	292.5	4.22	296.6	284.3	35
25.2:	9.25	.404	10.01	8.39	42	274.2	3.28	277.6	267.4	42
25.4:	8.15	.458	9.27	7.27	59	256.5	1.97	258.6	250.9	59
25.6:	6.99	.462	8.13	6.21	86	238.6	.90	239.5	235.4	86
25.8:	5.94	.420	7.07	4.96	110	219.9	.65	220.5	217.6	110
26.0:	5.40	.432	6.30	4.37	117	200.9	.55	201.5	199.0	117
26.2:	5.31	.422	6.28	4.31	117	181.8	.45	182.5	180.2	117
26.4:	5.32	.449	6.26	4.38	117	163.0	.28	163.5	162.1	117
26.6:	5.29	.482	6.25	4.21	117	144.3	.13	144.5	143.8	117
26.8:	4.72	.336	5.67	3.93	117	125.4	.06	125.5	125.2	117
27.0:	3.97	.123	4.25	3.63	110	106.2	.12	106.4	106.0	110
27.2:	3.57	.059	3.75	3.39	107	87.2	.06	87.3	87.1	107
27.4:	2.94	.055	3.16	2.80	107	68.2	.05	68.2	68.0	107
		DELTA D					POT. ENERGY			
24.2:	.42	.235	.73	.16	4	.03	.030	.07	.00	4
24.4:	.87	.301	1.25	.34	17	.12	.071	.22	.02	17
24.6:	.94	.289	1.36	.43	23	.14	.075	.26	.03	23
24.8:	1.00	.329	1.47	.14	29	.16	.084	.30	.00	29
25.0:	1.07	.347	1.59	.12	35	.19	.102	.43	.00	35
25.2:	1.21	.328	1.78	.28	42	.24	.115	.54	.01	42
25.4:	1.33	.432	2.16	.42	59	.32	.193	.87	.03	59
25.6:	1.72	.540	2.58	.06	86	.58	.329	1.36	.00	86
25.8:	2.15	.511	3.12	.65	110	.93	.364	1.55	.10	110
26.0:	2.68	.324	3.50	1.80	117	1.44	.307	2.54	.74	117
26.2:	2.94	.340	3.81	2.01	117	1.75	.357	2.98	.91	117
26.4:	3.16	.366	4.14	2.14	117	2.05	.420	3.47	1.06	117
26.6:	3.47	.402	4.53	2.46	117	2.52	.518	4.06	1.38	117
26.8:	4.39	.474	5.82	3.27	117	4.31	.841	6.81	2.62	117
27.0:	6.30	.507	7.70	5.26	110	10.27	1.408	13.73	7.93	110
27.2:	8.60	.532	10.28	7.49	107	21.94	2.249	28.75	17.63	107
27.4:	11.49	.564	13.28	9.62	107	45.06	3.581	55.53	33.80	107

STD SIGMA T	DELTA -OH MEAN	S.D.	MAX	MIN	N	ACC. PUT. MEAN	S.D.	MAX	MIN	N
24.2:	11.609	.3293	11.960	11.247	4	12.028	.3842	12.527	11.660	4
24.4:	11.253	.2259	11.632	10.880	15	12.157	.2841	12.764	11.634	15
24.6:	11.172	.2308	11.663	10.781	21	12.060	.2519	12.695	11.601	21
24.8:	11.062	.2436	11.659	10.631	26	12.002	.2404	12.621	11.559	26
25.0:	10.991	.2765	11.635	10.472	31	11.927	.2332	12.541	11.513	31
25.2:	10.798	.2561	11.370	10.072	37	11.839	.2248	12.456	11.462	37
25.4:	10.604	.3623	11.572	9.798	51	11.773	.2440	12.363	11.294	51
25.6:	10.161	.5172	11.567	9.010	76	11.668	.2339	12.242	11.231	76
25.8:	9.651	.4167	11.037	8.869	98	11.509	.2371	12.065	11.007	98
26.0:	9.102	.2125	9.563	8.626	105	11.311	.2286	11.854	10.821	105
26.2:	8.841	.2063	9.226	8.367	105	11.092	.2145	11.606	10.612	105
26.4:	8.617	.2097	9.092	8.102	105	10.850	.2011	11.348	10.391	105
26.6:	8.309	.2081	8.769	7.822	105	10.582	.1862	11.057	10.148	105
26.8:	7.380	.1911	7.786	6.772	105	10.250	.1639	10.674	9.854	105
27.0:	5.444	.1929	5.822	4.908	105	9.711	.1249	10.055	9.382	105
27.2:	3.153	.2190	3.541	2.457	105	8.849	.0803	9.074	8.615	105
27.4:	.264	.2729	1.200	-.467	105	7.501	.0245	7.567	7.421	105

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
24.2:		----- N/A -----			0	1502	1.5	1505	1502	4
24.4:	6.25	----- N/A -----			1	1499	1.2	1502	1498	17
24.6:	6.35	.114	6.44	6.22	3	1496	1.3	1499	1495	23
24.8:	6.57	.181	6.78	6.44	3	1492	1.2	1495	1491	29
25.0:	6.76	.251	7.05	6.61	3	1489	1.2	1492	1487	35
25.2:	6.82	.294	7.23	6.54	4	1485	1.5	1488	1482	42
25.4:	6.95	.279	7.38	6.63	5	1481	1.8	1485	1478	59
25.6:	6.99	.205	7.24	6.71	5	1476	1.9	1481	1474	86
25.8:	6.97	.173	7.34	6.79	7	1473	1.9	1478	1469	110
26.0:	6.64	.238	6.93	6.34	9	1471	1.9	1475	1467	117
26.2:	6.07	.273	6.66	5.76	9	1471	1.8	1476	1468	117
26.4:	5.41	.258	5.96	5.14	9	1472	1.9	1476	1468	117
26.6:	4.63	.383	5.20	4.03	9	1473	2.1	1477	1469	117
26.8:	3.45	.140	3.72	3.26	9	1472	1.5	1477	1468	117
27.0:	1.78	.127	2.05	1.62	9	1471	.9	1474	1470	110
27.2:	.80	.102	1.02	.69	9	1474	.6	1476	1473	107
27.4:	.49	.036	.56	.44	9	1477	.6	1479	1476	107

Table 22. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, by months, for Station 11.

JANUARY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.30	----- N/A -----			1
25.6:	6.80	.305	7.26	6.43	8
25.8:	6.12	.496	6.65	5.33	8
26.0:	5.56	.613	6.19	4.56	8
26.2:	5.26	.535	5.86	4.37	8
26.4:	5.23	.402	5.70	4.66	8
26.6:	5.23	.337	5.81	4.80	8
26.8:	4.87	.217	5.21	4.53	8
27.0:	4.01	.122	4.13	3.80	7
27.2:	3.62	.050	3.69	3.53	7
27.4:	3.01	.049	3.11	2.97	7

SALINITY

MEAN	S.D.	MAX	MIN	N
32.456	----- N/A -----			1
32.633	.0477	32.708	32.571	8
32.788	.0778	32.877	32.670	8
32.956	.0992	33.065	32.798	8
33.157	.0851	33.268	33.021	8
33.400	.0597	33.471	33.320	8
33.651	.0502	33.738	33.585	8
33.849	.0308	33.897	33.800	8
33.986	.0150	34.000	33.958	7
34.187	.0062	34.195	34.176	7
34.366	.0060	34.377	34.360	7

DEPTH

25.4:	52	----- N/A -----		1
25.6:	93	8.8	103	80	8
25.8:	104	6.3	109	90	8
26.0:	112	4.6	118	105	8
26.2:	122	5.8	129	115	8
26.4:	135	9.1	147	121	8
26.6:	155	10.1	168	140	8
26.8:	218	13.9	241	204	8
27.0:	385	29.9	443	349	7
27.2:	605	39.0	675	558	7
27.4:	951	33.6	1001	905	7

SVA

259.3	----- N/A -----			1
240.8	.15	241.0	240.5	8
221.7	.15	221.8	221.4	8
202.6	.17	202.9	202.4	8
183.8	.16	184.0	183.6	8
165.0	.18	165.2	164.8	8
146.3	.19	146.6	146.1	8
127.9	.21	128.3	127.7	8
110.0	.33	110.5	109.5	7
92.5	.34	93.0	92.0	7
75.1	.18	75.3	74.8	7

THETA

25.4:	7.29	----- N/A -----		1
25.6:	6.79	.307	7.26	6.42	8
25.8:	6.12	.493	6.64	5.33	8
26.0:	5.55	.613	6.18	4.55	8
26.2:	5.25	.535	5.87	4.36	8
26.4:	5.21	.402	5.69	4.65	8
26.6:	5.22	.336	5.79	4.79	8
26.8:	4.85	.216	5.19	4.51	8
27.0:	3.98	.119	4.10	3.77	7
27.2:	3.57	.046	3.64	3.49	7
27.4:	2.95	.049	3.04	2.90	7

SVA (THETA)

258.4	----- N/A -----			1
238.9	.56	239.5	238.1	8
219.1	.77	220.2	217.9	8
200.1	.69	201.4	199.0	8
181.7	.80	182.5	180.2	8
163.0	.24	163.4	162.6	8
144.3	.13	144.5	144.1	8
125.4	.04	125.5	125.4	8
106.3	.13	106.4	106.1	7
87.2	.08	87.3	87.1	7
68.2	.05	68.2	68.1	7

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	1.35	----- N/A -----			1
25.6:	2.34	.212	2.58	1.99	8
25.8:	2.60	.153	2.72	2.24	8
26.0:	2.78	.114	2.91	2.54	8
26.2:	2.98	.112	3.13	2.80	8
26.4:	3.20	.158	3.41	2.98	8
26.6:	3.51	.175	3.73	3.27	8
26.8:	4.37	.235	4.76	4.13	8
27.0:	6.35	.425	7.17	5.85	7
27.2:	8.59	.526	9.55	7.96	7
27.4:	11.49	.471	12.29	10.87	7

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.36	----- N/A -----			1
1.12	.205	1.36	.81	8
1.38	.158	1.52	1.03	8
1.58	.131	1.73	1.33	8
1.82	.146	2.00	1.64	8
2.12	.231	2.43	1.77	8
2.59	.283	2.95	2.16	8
4.27	.493	5.04	3.78	8
10.38	1.546	13.45	8.69	7
21.80	2.862	27.08	18.45	7
44.82	3.506	50.52	40.13	7

DELTA -DH

25.4:	10.532	----- N/A -----		1
25.6:	9.458	.2935	9.706	9.010	7
25.8:	9.193	.2204	9.481	8.869	7
26.0:	9.011	.1853	9.293	8.753	7
26.2:	8.825	.1691	9.076	8.635	7
26.4:	8.611	.1963	8.850	8.380	7
26.6:	8.301	.1797	8.555	8.077	7
26.8:	7.463	.0942	7.571	7.290	7
27.0:	5.438	.1981	5.656	5.038	7
27.2:	3.190	.2981	3.541	2.654	7
27.4:	.292	.2521	.635	-.082	7

ACC. PUT.

MEAN	S.D.	MAX	MIN	N
11.884	----- N/A -----			1
11.695	.2145	12.119	11.469	7
11.504	.2115	11.917	11.267	7
11.298	.2082	11.701	11.054	7
11.076	.2040	11.468	10.836	7
10.835	.1976	11.210	10.604	7
10.566	.1921	10.923	10.341	7
10.240	.1807	10.564	10.019	7
9.714	.1507	9.971	9.504	7
8.841	.0874	8.989	8.717	7
7.501	.0222	7.529	7.463	7

OXYGEN

25.4:	----- N/A -----			0
25.6:	----- N/A -----			0
25.8:	----- N/A -----			0
26.0:	----- N/A -----			0
26.2:	----- N/A -----			0
26.4:	----- N/A -----			0
26.6:	----- N/A -----			0
26.8:	----- N/A -----			0
27.0:	----- N/A -----			0
27.2:	----- N/A -----			0
27.4:	----- N/A -----			0

SOUND

MEAN	S.D.	MAX	MIN	N
1478	----- N/A -----			1
1476	1.4	1479	1475	8
1474	2.1	1477	1471	8
1472	2.7	1475	1468	8
1471	2.3	1474	1468	8
1472	1.6	1474	1470	8
1472	1.3	1475	1471	8
1472	1.1	1474	1471	8
1471	1.2	1473	1470	7
1474	.7	1475	1473	7
1477	.5	1478	1477	7

FEBRUARY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.86	----- N/A -----			1	32.635	----- N/A -----			1
25.8:	5.73	.270	6.13	5.53	4	32.716	.0494	32.784	32.679	4
26.0:	5.42	.434	5.86	4.59	6	32.927	.0684	32.999	32.797	6
26.2:	5.30	.418	5.75	4.55	6	33.163	.0592	33.224	33.057	6
26.4:	5.24	.411	5.68	4.47	6	33.403	.0576	33.469	33.298	6
26.6:	5.23	.501	5.77	4.32	6	33.651	.0723	33.732	33.522	6
26.8:	4.73	.393	5.02	3.99	6	33.829	.0535	33.870	33.730	6
27.0:	4.00	.174	4.15	3.69	6	33.985	.0218	34.006	33.947	6
27.2:	3.59	.057	3.65	3.51	6	34.184	.0071	34.191	34.173	6
27.4:	3.03	.096	3.22	2.95	6	34.368	.0107	34.384	34.360	6
	DEPTH					SVA				
25.6:	86	----- N/A -----			1	240.7	----- N/A -----			1
25.8:	93	18.3	111	69	4	221.5	.21	221.8	221.3	4
26.0:	112	7.0	123	106	6	202.7	.10	202.8	202.6	6
26.2:	122	8.4	134	113	6	183.8	.12	183.9	183.6	6
26.4:	135	10.6	151	120	6	165.0	.16	165.2	164.8	6
26.6:	156	9.4	168	141	6	146.3	.23	146.6	146.0	6
26.8:	225	22.6	247	190	6	127.9	.34	128.2	127.3	6
27.0:	383	34.1	423	341	6	109.9	.39	110.3	109.3	6
27.2:	613	38.0	653	551	6	92.5	.29	92.8	92.1	6
27.4:	944	68.1	1030	826	6	75.0	.24	75.4	74.7	6
	THETA					SVA (THETA)				
25.6:	6.85	----- N/A -----			1	239.5	----- N/A -----			1
25.8:	5.73	.265	6.12	5.57	4	219.9	.69	220.5	219.0	4
26.0:	5.41	.434	5.87	4.58	6	200.6	.51	201.5	200.0	6
26.2:	5.29	.418	5.74	4.54	6	181.6	.28	181.9	181.2	6
26.4:	5.23	.411	5.67	4.46	6	163.0	.21	163.3	162.7	6
26.6:	5.22	.501	5.76	4.31	6	144.3	.12	144.4	144.1	6
26.8:	4.71	.390	5.00	3.98	6	125.4	.04	125.5	125.4	6
27.0:	3.98	.173	4.13	3.67	6	106.2	.10	106.4	106.1	6
27.2:	3.55	.056	3.61	3.47	6	87.2	.08	87.3	87.1	6
27.4:	2.96	.099	3.16	2.88	6	68.1	.05	68.2	68.1	6
	DELTA D					POT. ENERGY				
25.6:	2.09	----- N/A -----			1	.93	----- N/A -----			1
25.8:	2.15	.489	2.66	1.54	4	1.06	.422	1.52	.54	4
26.0:	2.54	.205	2.87	2.36	6	1.47	.207	1.75	1.28	6
26.2:	2.74	.236	3.15	2.50	6	1.71	.256	2.11	1.44	6
26.4:	2.96	.276	3.45	2.63	6	2.01	.330	2.55	1.59	6
26.6:	3.28	.249	3.70	2.95	6	2.48	.318	2.97	2.01	6
26.8:	4.22	.378	4.61	3.61	6	4.33	.735	4.95	3.13	6
27.0:	6.11	.527	6.65	5.41	6	10.25	1.722	12.20	8.01	6
27.2:	8.44	.571	8.96	7.52	6	22.14	2.813	25.06	17.63	6
27.4:	11.22	.818	12.13	9.82	6	44.36	6.265	52.31	33.80	6
	DELTA -OH					ACC. POT.				
25.6:	9.867	----- N/A -----			1	11.961	----- N/A -----			1
25.8:	9.471	.4757	10.128	9.014	4	11.547	.3570	11.757	11.016	4
26.0:	9.017	.2971	9.297	8.638	6	11.317	.2857	11.553	10.821	6
26.2:	8.822	.2777	9.116	8.470	6	11.094	.2827	11.334	10.612	6
26.4:	8.599	.2505	8.914	8.288	6	10.854	.2771	11.099	10.391	6
26.6:	8.278	.2115	8.575	8.057	6	10.580	.2665	10.840	10.148	6
26.8:	7.342	.0977	7.432	7.217	6	10.241	.2470	10.493	9.854	6
27.0:	5.450	.2100	5.775	5.201	6	9.702	.1985	9.901	9.382	6
27.2:	3.119	.2409	3.500	2.864	6	8.840	.1319	8.971	8.615	6
27.4:	.340	.5004	1.200	-.306	6	7.493	.0410	7.540	7.421	6
	OXYGEN					SOUND				
25.6:		----- N/A -----			0	1477	----- N/A -----			1
25.8:		----- N/A -----			0	1472	1.5	1475	1472	4
26.0:	6.34	----- N/A -----			1	1471	2.0	1474	1468	6
26.2:	5.87	----- N/A -----			1	1471	1.7	1474	1469	6
26.4:	5.14	----- N/A -----			1	1472	1.7	1474	1469	6
26.6:	4.20	----- N/A -----			1	1472	2.1	1475	1469	6
26.8:	3.50	----- N/A -----			1	1471	1.9	1473	1468	6
27.0:	1.84	----- N/A -----			1	1471	1.0	1473	1470	6
27.2:	1.02	----- N/A -----			1	1474	1.0	1475	1473	6
27.4:	.56	----- N/A -----			1	1477	1.0	1479	1476	6

MARCH

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.97	----- N/A -----			1	32.654	----- N/A -----			1
25.8:	5.91	.252	6.22	5.52	6	32.794	.0916	32.785	32.682	6
26.0:	5.50	.172	5.71	5.24	8	32.935	.0311	32.979	32.889	8
26.2:	5.28	.328	5.73	4.82	8	33.157	.0523	33.233	33.082	8
26.4:	5.29	.343	5.73	4.70	8	33.416	.0508	33.469	33.319	8
26.6:	5.40	.436	5.77	4.41	8	33.675	.0651	33.729	33.533	8
26.8:	4.84	.386	5.21	3.95	8	33.845	.0528	33.897	33.724	8
27.0:	4.01	.150	4.21	3.69	8	33.987	.0191	34.013	33.946	8
27.2:	3.63	.023	3.66	3.60	8	34.184	.0035	34.193	34.185	8
27.4:	3.02	.056	3.11	2.94	8	34.366	.0006	34.377	34.357	8
	DEPTH					SVA				
25.6:	71	----- N/A -----			1	240.5	----- N/A -----			1
25.8:	80	31.1	105	36	6	221.4	.52	221.7	220.9	6
26.0:	105	15.2	125	83	8	202.6	.15	202.8	202.4	8
26.2:	116	15.8	137	92	8	183.7	.14	183.9	183.5	8
26.4:	127	18.0	150	99	8	164.9	.13	165.2	164.8	8
26.6:	143	20.1	179	119	8	146.2	.19	146.6	146.0	8
26.8:	215	24.7	245	186	8	127.8	.37	128.4	127.4	8
27.0:	384	28.2	432	356	8	110.0	.35	110.6	109.5	8
27.2:	606	28.9	647	573	8	92.5	.25	92.9	92.2	8
27.4:	958	29.1	996	907	8	75.1	.18	75.5	74.9	8
	THETA					SVA (THETA)				
25.6:	6.97	----- N/A -----			1	239.5	----- N/A -----			1
25.8:	5.90	.250	6.21	5.51	6	220.0	.58	220.5	219.2	6
26.0:	5.49	.173	5.71	5.23	8	200.9	.70	201.5	199.8	8
26.2:	5.27	.329	5.72	4.81	8	181.8	.53	182.5	181.1	8
26.4:	5.28	.343	5.72	4.69	8	163.0	.58	163.5	162.4	8
26.6:	5.38	.438	5.75	4.39	8	144.3	.10	144.5	144.2	8
26.8:	4.82	.386	5.19	3.93	8	125.4	.05	125.5	125.4	8
27.0:	3.98	.150	4.18	3.66	8	106.2	.09	106.3	106.0	8
27.2:	3.59	.024	3.62	3.56	8	87.2	.05	87.3	87.1	8
27.4:	2.95	.055	3.04	2.87	8	68.1	.05	68.2	68.1	8
	DELTA D					POT. ENERGY				
25.6:	1.73	----- N/A -----			1	.64	----- N/A -----			1
25.8:	1.68	.764	2.52	.66	6	.67	.531	1.36	.10	6
26.0:	2.38	.375	2.82	1.63	8	1.30	.370	1.79	.77	8
26.2:	2.60	.401	3.07	2.01	8	1.65	.426	2.14	.93	8
26.4:	2.79	.446	3.29	2.14	8	1.79	.565	2.45	1.16	8
26.6:	3.04	.479	3.74	2.46	8	2.15	.623	3.24	1.43	8
26.8:	4.01	.512	4.62	3.42	8	3.45	.870	5.00	2.93	8
27.0:	6.03	.542	6.75	5.47	8	10.15	1.554	12.65	8.67	8
27.2:	8.28	.514	8.96	7.61	8	21.52	2.201	24.84	18.90	8
27.4:	11.22	.476	11.81	10.51	8	45.07	2.863	48.16	40.21	8
	DELTA -DH					ACC. POT.				
25.6:	10.094	----- N/A -----			1	11.822	----- N/A -----			1
25.8:	9.714	.5231	10.575	9.157	6	11.497	.2131	11.684	11.234	6
26.0:	9.081	.3004	9.522	8.648	8	11.230	.2243	11.509	10.923	8
26.2:	8.867	.2764	9.226	8.496	8	11.019	.2117	11.310	10.749	8
26.4:	8.674	.2707	9.092	8.277	8	10.789	.1971	11.079	10.560	8
26.6:	8.476	.2979	8.769	7.822	8	10.539	.1836	10.820	10.326	8
26.8:	7.450	.1945	7.727	7.204	8	10.226	.1709	10.497	10.037	8
27.0:	5.430	.2124	5.611	5.079	8	9.695	.1218	9.888	9.546	8
27.2:	3.187	.2214	3.448	2.869	6	8.843	.0677	8.931	8.745	8
27.4:	.238	.2164	.670	-.039	6	7.507	.0229	7.553	7.470	8
	OXYGEN					SOUND				
25.6:		----- N/A -----			0	1477	----- N/A -----			1
25.8:		----- N/A -----			0	1473	1.3	1475	1472	6
26.0:	6.93	----- N/A -----			1	1472	.8	1473	1471	8
26.2:	6.15	----- N/A -----			1	1471	1.1	1473	1470	8
26.4:	5.35	----- N/A -----			1	1472	1.4	1474	1470	8
26.6:	4.59	----- N/A -----			1	1473	1.5	1475	1470	8
26.8:	3.50	----- N/A -----			1	1472	1.6	1474	1469	8
27.0:	1.79	----- N/A -----			1	1472	1.2	1474	1470	8
27.2:	.82	----- N/A -----			1	1474	.5	1475	1474	8
27.4:	.53	----- N/A -----			1	1477	.6	1479	1477	6

APRIL

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.51	.010	6.80	6.22	2
25.8:	5.59	.250	5.96	5.23	9
26.0:	5.48	.279	5.74	4.79	12
26.2:	5.28	.291	5.76	4.93	12
26.4:	5.23	.448	5.99	4.74	12
26.6:	5.16	.561	6.06	4.41	12
26.8:	4.69	.458	5.69	4.03	12
27.0:	3.96	.189	4.28	3.66	11
27.2:	3.62	.086	3.76	3.45	10
27.4:	3.04	.045	3.12	2.96	10

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	32.577	.0679	32.625	32.529	2
25.8:	32.690	.0405	32.745	32.634	9
26.0:	32.904	.0415	32.969	32.826	12
26.2:	33.156	.0393	33.220	33.111	12
26.4:	33.399	.0667	33.509	33.324	12
26.6:	33.642	.0828	33.775	33.531	12
26.8:	33.825	.0648	33.970	33.734	12
27.0:	33.980	.0238	34.019	33.943	11
27.2:	34.187	.0085	34.198	34.166	10
27.4:	34.369	.0056	34.379	34.360	10

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	55	60.1	98	13	2
25.8:	73	30.7	105	29	9
26.0:	112	12.5	138	102	12
26.2:	124	12.2	148	115	12
26.4:	136	11.9	161	124	12
26.6:	157	15.4	188	140	12
26.8:	226	29.2	276	183	12
27.0:	376	27.4	434	338	11
27.2:	604	27.1	647	570	10
27.4:	939	23.4	972	900	10

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	240.2	.64	240.7	239.8	2
25.8:	221.3	.31	221.6	220.9	9
26.0:	202.7	.18	203.0	202.5	12
26.2:	183.8	.20	184.2	183.6	12
26.4:	165.0	.25	165.5	164.7	12
26.6:	146.3	.33	146.9	145.9	12
26.8:	127.9	.50	129.0	127.4	12
27.0:	109.8	.36	110.6	109.4	11
27.2:	92.5	.28	92.9	92.0	10
27.4:	75.0	.19	75.3	74.7	10

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.50	.017	6.80	6.21	2
25.8:	5.58	.252	5.96	5.27	9
26.0:	5.27	.278	5.73	4.78	12
26.2:	5.27	.291	5.75	4.92	12
26.4:	5.22	.448	5.98	4.73	12
26.6:	5.15	.560	6.04	4.39	12
26.8:	4.67	.456	5.67	4.01	12
27.0:	3.94	.186	4.25	3.63	11
27.2:	3.58	.084	3.65	3.41	10
27.4:	2.97	.045	3.06	2.90	10

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	239.5	.00	239.5	239.5	2
25.8:	220.3	.49	220.5	219.0	9
26.0:	200.8	.56	201.5	199.6	12
26.2:	181.8	.42	182.4	181.3	12
26.4:	163.2	.25	163.5	162.7	12
26.6:	144.3	.14	144.5	144.0	12
26.8:	125.4	.09	125.5	125.2	12
27.0:	106.7	.12	106.9	106.1	11
27.2:	87.2	.07	87.3	87.1	10
27.4:	68.1	.05	68.2	68.1	10

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1.40	1.527	2.48	.32	2
25.8:	1.73	.758	2.64	.65	9
26.0:	2.54	.286	3.03	2.19	12
26.2:	2.76	.274	3.23	2.43	12
26.4:	2.98	.263	3.46	2.64	12
26.6:	3.31	.319	3.86	2.84	12
26.8:	4.24	.474	4.93	3.42	12
27.0:	6.02	.440	6.83	5.35	11
27.2:	8.34	.455	9.01	7.62	10
27.4:	11.16	.426	11.75	10.40	10

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	.64	.877	1.26	-.02	2
25.8:	.76	.505	1.42	-.10	9
26.0:	1.46	.334	2.12	1.16	12
26.2:	1.74	.350	2.42	1.42	12
26.4:	2.03	.366	2.78	1.68	12
26.6:	2.53	.492	3.53	1.96	12
26.8:	4.40	1.029	6.00	2.91	12
27.0:	9.90	1.480	12.91	8.06	11
27.2:	21.53	2.148	24.93	18.72	10
27.4:	43.77	2.647	47.62	39.55	10

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	10.358	1.7098	11.567	9.149	2
25.8:	9.855	.7762	11.037	8.990	7
26.0:	9.049	.2235	9.491	8.822	10
26.2:	8.811	.2047	9.216	8.587	10
26.4:	8.580	.2133	8.976	8.346	10
26.6:	8.260	.1783	8.622	8.030	10
26.8:	7.322	.2081	7.639	6.960	10
27.0:	5.471	.1805	5.713	5.054	10
27.2:	3.196	.1960	3.439	2.879	10
27.4:	.376	.1715	.665	.138	10

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	11.709	.2510	11.887	11.532	2
25.8:	11.550	.2371	11.949	11.320	7
26.0:	11.300	.2470	11.739	10.957	10
26.2:	11.078	.2340	11.464	10.751	10
26.4:	10.835	.2245	11.182	10.523	10
26.6:	10.584	.2123	10.881	10.271	10
26.8:	10.231	.1862	10.541	9.985	10
27.0:	9.683	.1208	9.888	9.531	10
27.2:	8.833	.0751	8.943	8.740	10
27.4:	7.498	.0724	7.524	7.461	10

OXYGEN

STD SIGMA T					
25.6:	-----	N/A	-----		0
25.8:	-----	N/A	-----		0
26.0:	-----	N/A	-----		0
26.2:	-----	N/A	-----		0
26.4:	-----	N/A	-----		0
26.6:	-----	N/A	-----		0
26.8:	-----	N/A	-----		0
27.0:	-----	N/A	-----		0
27.2:	-----	N/A	-----		0
27.4:	-----	N/A	-----		0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1474	.7	1475	1474	2
25.8:	1471	1.2	1473	1470	9
26.0:	1471	1.4	1473	1469	12
26.2:	1471	1.4	1474	1470	12
26.4:	1472	2.1	1476	1470	12
26.6:	1472	2.5	1476	1469	12
26.8:	1471	2.3	1477	1469	12
27.0:	1471	1.2	1474	1470	11
27.2:	1474	.6	1475	1473	10
27.4:	1477	.5	1478	1477	10

MAY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.4:	7.68	.113	7.76	7.60	2	32.524	.0187	32.537	32.511	2
25.6:	6.80	.438	7.66	6.27	12	32.631	.0739	32.777	32.545	12
25.8:	5.87	.352	6.68	5.25	20	32.735	.0562	32.866	32.639	20
26.0:	5.34	.348	6.08	4.69	20	32.912	.0526	33.016	32.813	20
26.2:	5.28	.358	5.96	4.68	20	33.157	.0546	33.264	33.065	20
26.4:	5.30	.420	5.94	4.66	20	33.413	.0613	33.509	33.321	20
26.6:	5.24	.449	5.99	4.56	20	33.652	.0659	33.764	33.557	20
26.8:	4.73	.329	5.44	3.96	20	33.829	.0460	33.932	33.725	20
27.0:	3.99	.096	4.22	3.83	20	33.983	.0121	34.011	33.964	20
27.2:	3.60	.074	3.80	3.44	20	34.185	.0092	34.210	34.165	20
27.4:	3.01	.051	3.15	2.89	20	34.366	.0062	34.382	34.351	20
	DEPTH					SVA				
25.4:	27	2.8	29	25	2	259.0	.00	259.0	259.0	2
25.6:	46	23.5	71	3	12	240.2	.28	240.5	239.6	12
25.8:	78	22.9	108	35	20	221.4	.24	221.8	221.0	20
26.0:	109	12.8	129	82	20	202.6	.15	203.0	202.4	20
26.2:	123	11.8	140	98	20	183.8	.13	184.0	183.6	20
26.4:	135	12.3	153	112	20	165.0	.19	165.4	164.7	20
26.6:	154	15.3	179	122	20	146.3	.23	146.9	145.9	20
26.8:	216	25.1	279	177	20	127.8	.33	128.7	127.4	20
27.0:	375	24.3	431	345	20	109.9	.25	110.4	109.5	20
27.2:	599	28.3	652	562	20	92.4	.26	93.0	92.0	20
27.4:	947	42.0	1024	867	20	75.0	.25	75.5	74.6	20
	THETA					SVA (THETA)				
25.4:	7.67	.120	7.76	7.59	2	258.4	.21	258.6	258.3	2
25.6:	6.79	.439	7.65	6.26	12	239.1	.39	239.5	238.3	12
25.8:	5.86	.353	6.68	5.24	20	220.1	.40	220.5	219.3	20
26.0:	5.33	.348	6.07	4.68	20	200.9	.50	201.5	199.8	20
26.2:	5.27	.358	5.95	4.67	20	181.8	.34	182.4	181.3	20
26.4:	5.29	.420	5.93	4.65	20	163.0	.35	163.4	162.1	20
26.6:	5.23	.448	5.98	4.55	20	144.3	.12	144.5	144.1	20
26.8:	4.71	.329	5.43	3.94	20	125.4	.07	125.5	125.2	20
27.0:	3.96	.094	4.19	3.81	20	106.7	.09	106.4	106.1	20
27.2:	3.56	.073	3.75	3.39	20	87.2	.05	87.3	87.2	20
27.4:	2.95	.052	3.08	2.82	20	68.2	.05	68.2	68.1	20

STD SIGMA T	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
25.4:	.73	.071	.78	.68	2	.10	.021	.12	.09	2
25.6:	1.17	.593	1.80	.06	12	.34	.247	.64	.00	12
25.8:	1.87	.580	2.62	.79	20	.80	.416	1.38	.14	20
26.0:	2.54	.319	3.03	1.80	20	1.41	.320	1.94	.74	20
26.2:	2.81	.281	3.25	2.21	20	1.73	.316	2.24	1.06	20
26.4:	3.02	.288	3.47	2.38	20	2.02	.349	2.58	1.32	20
26.6:	3.32	.338	3.78	2.54	20	2.46	.458	3.13	1.51	20
26.8:	4.16	.445	5.03	3.27	20	4.08	.886	6.33	2.62	20
27.0:	6.05	.423	6.85	5.26	20	9.81	1.310	12.93	7.94	20
27.2:	8.33	.458	9.10	7.49	20	21.14	2.105	25.40	18.28	20
27.4:	11.24	.524	12.04	10.35	20	44.21	3.893	51.08	37.17	20
	DELTA -DH					ACC. POT.				
25.4:		----- N/A -----			0		----- N/A -----			0
25.6:	10.561	.5052	11.358	9.961	10	11.637	.2197	11.927	11.315	10
25.8:	9.770	.4501	10.624	8.983	18	11.447	.2478	11.888	11.007	18
26.0:	9.049	.2177	9.425	8.626	18	11.268	.2335	11.742	10.880	18
26.2:	8.767	.2074	9.111	8.429	18	11.047	.2190	11.491	10.704	18
26.4:	8.555	.1968	8.860	8.225	18	10.803	.2074	11.224	10.499	18
26.6:	8.261	.1906	8.614	7.904	18	10.532	.1922	10.918	10.274	18
26.8:	7.390	.2157	7.754	6.905	18	10.201	.1672	10.518	9.968	18
27.0:	5.496	.1788	5.783	5.083	18	9.673	.1295	9.873	9.479	18
27.2:	3.272	.2100	3.532	2.831	18	8.825	.0885	8.948	8.684	18
27.4:	.309	.3240	.907	-.254	18	7.496	.0317	7.545	7.433	18
	OXYGEN					SOUND				
25.4:		----- N/A -----			0	1479	.0	1479	1479	2
25.6:		----- N/A -----			0	1475	1.5	1479	1474	12
25.8:	7.34	----- N/A -----			1	1472	1.5	1476	1470	20
26.0:	6.84	----- N/A -----			1	1471	1.5	1474	1469	20
26.2:	6.11	----- N/A -----			1	1471	1.6	1474	1469	20
26.4:	5.41	----- N/A -----			1	1472	1.8	1475	1470	20
26.6:	4.76	----- N/A -----			1	1472	2.0	1476	1470	20
26.8:	3.54	----- N/A -----			1	1472	1.6	1475	1469	20
27.0:	1.75	----- N/A -----			1	1471	.7	1473	1471	20
27.2:	.74	----- N/A -----			1	1473	.6	1475	1473	20
27.4:	.49	----- N/A -----			1	1477	.7	1478	1476	20

JUNE

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.0:	10.14	.354	10.39	9.89	2	32.514	.0926	32.580	32.449	2
25.2:	9.06	.458	9.65	8.40	7	32.548	.0778	32.650	32.427	7
25.4:	8.14	.555	9.28	7.28	16	32.619	.1024	32.830	32.463	16
25.6:	6.94	.532	7.96	6.29	16	32.659	.0908	32.845	32.542	16
25.8:	5.81	.525	6.86	4.96	16	32.728	.0844	32.902	32.596	16
26.0:	5.24	.537	6.28	4.38	16	32.898	.0830	33.062	32.770	16
26.2:	5.22	.483	6.05	4.32	16	33.150	.0736	33.287	33.014	16
26.4:	5.27	.446	5.85	4.39	16	33.406	.0648	33.488	33.282	16
26.6:	5.24	.474	5.82	4.23	16	33.652	.0692	33.741	33.507	16
26.8:	4.68	.320	5.09	4.03	16	33.823	.0440	33.880	33.734	16
27.0:	4.00	.087	4.19	3.83	14	33.985	.0113	34.007	33.964	14
27.2:	3.58	.032	3.63	3.52	14	34.182	.0039	34.188	34.174	14
27.4:	2.97	.037	3.02	2.89	14	34.361	.0045	34.367	34.352	14

	DEPTH					SVA				
25.0:	17	18.4	30	4	2	296.9	.35	297.2	296.7	2
25.2:	29	10.6	40	10	7	278.1	.15	278.2	277.8	7
25.4:	33	11.6	59	16	16	259.1	.15	259.4	258.8	16
25.6:	51	13.3	76	24	16	240.2	.15	240.5	239.9	16
25.8:	81	12.3	102	64	16	221.4	.12	221.6	221.2	16
26.0:	111	18.7	149	79	16	202.6	.15	202.9	202.4	16
26.2:	126	21.4	163	89	16	183.8	.23	184.3	183.6	16
26.4:	138	23.2	179	98	16	165.0	.28	165.6	164.7	16
26.6:	157	24.9	199	116	16	146.3	.32	147.0	146.0	16
26.8:	220	23.7	265	187	16	127.8	.30	128.4	127.4	16
27.0:	377	20.9	426	346	14	109.9	.18	110.2	109.6	14
27.2:	605	20.6	662	584	14	92.4	.16	92.8	92.2	14
27.4:	954	22.2	1015	925	14	75.0	.12	75.2	74.8	14

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
25.0:	10.14	.354	10.39	9.89	2	295.4	1.20	296.3	294.6	2
25.2:	9.06	.458	9.65	8.39	7	276.3	1.49	277.6	273.9	7
25.4:	8.14	.555	9.27	7.27	16	257.9	.66	258.6	256.5	16
25.6:	6.94	.533	7.96	6.29	16	238.9	.54	239.5	237.9	16
25.8:	5.80	.524	6.86	4.96	16	220.0	.55	220.5	218.4	16
26.0:	5.23	.539	6.27	4.37	16	200.9	.50	201.5	199.8	16
26.2:	5.21	.483	6.04	4.31	16	181.8	.54	182.5	180.8	16
26.4:	5.26	.445	5.94	4.38	16	163.1	.31	163.5	162.6	16
26.6:	5.22	.473	5.81	4.21	16	144.2	.18	144.5	143.8	16
26.8:	4.66	.321	5.08	4.01	16	125.4	.05	125.5	125.3	16
27.0:	3.97	.088	4.16	3.80	14	106.2	.11	106.4	106.1	14
27.2:	3.54	.031	3.59	3.48	14	87.3	.04	87.3	87.2	14
27.4:	2.91	.039	2.96	2.82	14	68.2	.05	68.2	68.1	14

	DELTA D					POT. ENERGY				
25.0:	.52	.566	.92	.12	2	.07	.099	.14	.00	2
25.2:	.86	.324	1.16	.28	7	.14	.086	.24	.01	7
25.4:	.94	.335	1.59	.42	16	.18	.123	.48	.03	16
25.6:	1.39	.373	2.08	.64	16	.38	.194	.78	.08	16
25.8:	2.07	.325	2.62	1.61	16	.84	.255	1.27	.51	16
26.0:	2.72	.399	3.50	1.93	16	1.51	.472	2.54	.75	16
26.2:	3.01	.452	3.78	2.12	16	1.86	.599	2.98	.91	16
26.4:	3.22	.483	4.06	2.28	16	2.16	.693	3.47	1.07	16
26.6:	3.51	.507	4.36	2.56	16	2.61	.805	4.06	1.38	16
26.8:	4.37	.478	5.23	3.70	16	4.25	.974	6.12	3.10	16
27.0:	6.23	.452	7.13	5.65	14	9.95	1.309	12.95	8.23	14
27.2:	8.55	.434	9.53	8.02	14	21.59	1.762	26.28	19.71	14
27.4:	11.47	.444	12.43	10.87	14	44.89	2.435	51.04	41.70	14

JUNE

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	11.263	.5261	11.635	10.891	2
25.2:	10.866	.2518	11.236	10.605	6
25.4:	10.796	.3750	11.572	10.271	14
25.6:	10.334	.4233	11.068	9.686	14
25.8:	9.671	.3700	10.373	9.191	14
26.0:	9.092	.1877	9.381	8.745	14
26.2:	8.767	.2219	9.192	8.367	14
26.4:	8.555	.2513	9.024	8.102	14
26.6:	8.268	.2549	8.744	7.851	14
26.8:	7.917	.2017	7.684	7.014	14
27.0:	5.511	.1684	5.797	5.147	14
27.2:	3.191	.1595	3.395	2.749	14
27.4:	.267	.1657	.487	-.185	14

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	11.774	.0346	11.799	11.750	2
25.2:	11.668	.0793	11.733	11.515	6
25.4:	11.681	.2994	12.247	11.294	14
25.6:	11.600	.2943	12.180	11.231	14
25.8:	11.473	.2936	12.065	11.130	14
26.0:	11.284	.2773	11.854	10.990	14
26.2:	11.066	.2400	11.573	10.809	14
26.4:	10.820	.2010	11.263	10.599	14
26.6:	10.550	.1615	10.933	10.366	14
26.8:	10.221	.1203	10.509	10.076	14
27.0:	9.689	.0812	9.883	9.586	14
27.2:	8.836	.0468	8.944	8.778	14
27.4:	7.494	.0135	7.522	7.477	14

OXYGEN

STD SIGMA T					
25.0:	----- N/A -----			0	
25.2:	----- N/A -----			0	
25.4:	----- N/A -----			0	
25.6:	----- N/A -----			0	
25.8:	----- N/A -----			0	
26.0:	----- N/A -----			0	
26.2:	----- N/A -----			0	
26.4:	----- N/A -----			0	
26.6:	----- N/A -----			0	
26.8:	----- N/A -----			0	
27.0:	----- N/A -----			0	
27.2:	----- N/A -----			0	
27.4:	----- N/A ----			0	

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1488	1.4	1489	1487	2
25.2:	1484	1.5	1486	1482	7
25.4:	1480	2.1	1485	1478	16
25.6:	1476	2.2	1481	1474	16
25.8:	1472	2.3	1477	1469	16
26.0:	1470	2.3	1475	1467	16
26.2:	1471	1.8	1474	1468	16
26.4:	1472	1.9	1475	1468	16
26.6:	1472	2.0	1476	1469	16
26.8:	1471	1.4	1473	1469	16
27.0:	1471	.5	1473	1471	14
27.2:	1474	.4	1475	1473	14
27.4:	1477	.5	1478	1477	14

JULY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	13.10 ----- N/A -----				1
24.8:	11.65	.615	12.09	11.22	2
25.0:	10.56	.434	11.02	10.16	3
25.2:	9.46	.465	9.93	9.00	3
25.4:	8.35	.479	8.83	7.77	4
25.6:	7.29	.543	7.78	6.52	4
25.8:	6.03	.558	6.74	5.41	4
26.0:	5.67	.589	6.24	4.91	4
26.2:	5.60	.554	6.06	4.91	4
26.4:	5.52	.586	6.07	4.86	4
26.6:	5.28	.632	5.91	4.69	4
26.8:	4.66	.465	5.05	4.09	4
27.0:	4.07	.121	4.14	3.93	3
27.2:	3.64	.061	3.68	3.57	3
27.4:	2.99	.070	3.04	2.91	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	32.680 ----- N/A -----				1
24.8:	32.603	.1723	32.690	32.517	2
25.0:	32.602	.0905	32.697	32.517	3
25.2:	32.617	.0901	32.710	32.530	3
25.4:	32.668	.0897	32.762	32.551	4
25.6:	32.711	.1003	32.814	32.581	4
25.8:	32.758	.0902	32.875	32.660	4
26.0:	32.958	.0907	33.052	32.845	4
26.2:	33.207	.0862	33.279	33.101	4
26.4:	33.443	.0882	33.531	33.349	4
26.6:	33.660	.0958	33.756	33.571	4
26.8:	33.820	.0643	33.874	33.742	4
27.0:	33.993	.0155	34.003	33.975	3
27.2:	34.190	.0071	34.195	34.182	3
27.4:	34.363	.0077	34.369	34.355	3

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	22 ----- N/A -----				1
24.8:	14	14.1	24	4	2
25.0:	22	4.6	26	17	3
25.2:	30	1.5	32	29	3
25.4:	36	11.8	45	19	4
25.6:	56	11.0	70	45	4
25.8:	93	7.1	98	83	4
26.0:	120	9.7	127	106	4
26.2:	132	11.5	143	116	4
26.4:	148	13.8	159	126	4
26.6:	167	18.3	182	141	4
26.8:	231	17.3	250	211	4
27.0:	384	22.3	410	370	3
27.2:	633	30.6	667	607	3
27.4:	986	47.3	1039	947	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	335.3 ----- N/A -----				1
24.8:	316.0	.28	316.2	315.8	2
25.0:	297.1	.10	297.2	297.0	3
25.2:	278.2	.00	278.2	278.2	3
25.4:	259.1	.19	259.3	258.9	4
25.6:	240.3	.10	240.4	240.2	4
25.8:	221.6	.08	221.7	221.5	4
26.0:	202.8	.13	203.0	202.7	4
26.2:	184.0	.10	184.1	183.9	4
26.4:	165.1	.10	165.3	165.1	4
26.6:	146.4	.26	146.8	146.2	4
26.8:	127.9	.17	128.1	127.7	4
27.0:	110.0	.10	110.1	109.9	3
27.2:	92.7	.15	92.9	92.6	3
27.4:	75.2	.21	75.4	75.0	3

JULY

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	13.10	----- N/A -----			1
24.8:	11.65	.608	12.08	11.22	2
25.0:	10.56	.434	11.02	10.16	3
25.2:	9.46	.465	9.93	9.00	3
25.4:	8.35	.477	8.82	7.77	4
25.6:	7.23	.546	7.78	6.51	4
25.8:	6.02	.558	6.73	5.40	4
26.0:	5.66	.589	6.23	4.90	4
26.2:	5.59	.554	6.05	4.90	4
26.4:	5.50	.583	6.05	4.85	4
26.6:	5.27	.629	5.90	4.68	4
26.8:	4.64	.468	5.03	4.07	4
27.0:	4.04	.121	4.11	3.90	3
27.2:	3.59	.004	3.63	3.52	3
27.4:	2.92	.079	2.98	2.83	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
334.7	----- N/A -----			1
314.1	1.63	315.3	313.0	2
295.8	.55	296.4	295.4	3
277.3	.49	277.6	276.7	3
257.1	1.37	258.5	255.3	4
238.8	.54	239.3	238.2	4
220.3	.24	220.5	220.0	4
201.1	.31	201.4	200.7	4
181.7	.29	182.0	181.3	4
163.1	.36	163.4	162.7	4
144.7	.17	144.9	144.1	4
125.4	.05	125.5	125.4	4
106.3	.10	106.4	106.2	3
87.2	.00	87.2	87.2	3
68.1	.12	68.2	68.0	3

DELTA D

24.6:	.73	----- N/A -----		1
24.8:	.48	.481	.82	.14	2
25.0:	.70	.160	.86	.54	3
25.2:	.94	.029	.96	.91	3
25.4:	1.08	.398	1.53	.69	4
25.6:	1.56	.347	1.95	1.16	4
25.8:	2.42	.134	2.60	2.28	4
26.0:	3.02	.179	3.17	2.78	4
26.2:	3.25	.219	3.45	2.98	4
26.4:	3.46	.273	3.74	3.15	4
26.6:	3.81	.287	4.02	3.39	4
26.8:	4.09	.327	5.01	4.33	4
27.0:	6.47	.375	6.90	6.25	3
27.2:	9.01	.444	9.51	8.67	3
27.4:	11.98	.599	12.66	11.53	3

POT. ENERGY

24.6:	.08	----- N/A -----		1
24.8:	.05	.071	.10	.00	2
25.0:	.08	.030	.11	.05	3
25.2:	.14	.006	.15	.14	3
25.4:	.21	.112	.30	.05	4
25.6:	.44	.180	.67	.26	4
25.8:	1.09	.145	1.23	.89	4
26.0:	1.74	.256	1.89	1.36	4
26.2:	2.04	.320	2.33	1.59	4
26.4:	2.35	.412	2.77	1.80	4
26.6:	2.93	.552	3.34	2.13	4
26.8:	4.71	.694	5.41	3.83	4
27.0:	10.39	1.243	11.82	9.54	3
27.2:	23.62	2.253	26.17	21.91	3
27.4:	48.24	4.729	53.58	44.58	3

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.6:	11.143	----- N/A -----			1
24.8:	11.054	----- N/A -----			1
25.0:	11.304	.4059	11.591	11.017	2
25.2:	11.145	.3182	11.370	10.920	2
25.4:	11.010	.4107	11.363	10.559	3
25.6:	10.571	.3720	10.865	10.153	3
25.8:	9.643	.1978	9.861	9.475	3
26.0:	9.041	.1436	9.144	8.877	3
26.2:	8.807	.1047	8.901	8.694	3
26.4:	8.599	.1112	8.727	8.530	3
26.6:	8.221	.2870	8.487	7.917	3
26.8:	7.389	.1405	7.545	7.273	3
27.0:	5.536	.1378	5.626	5.377	3
27.2:	2.995	.2089	3.181	2.769	3
27.4:	.025	.3614	.325	-.376	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.877	----- N/A -----			1
11.831	----- N/A -----			1
12.023	.3401	12.264	11.783	2
11.972	.3415	12.214	11.731	2
11.886	.2442	12.147	11.663	3
11.803	.2474	12.062	11.569	3
11.680	.2536	11.946	11.441	3
11.470	.2373	11.726	11.257	3
11.233	.2170	11.471	11.046	3
10.974	.1896	11.185	10.818	3
10.683	.1648	10.871	10.565	3
10.334	.1423	10.498	10.244	3
9.797	.1168	9.928	9.703	3
8.923	.0842	9.015	8.850	3
7.519	.0170	7.532	7.500	3

OXYGEN

24.6:		----- N/A -----			0
24.8:		----- N/A -----			0
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:	6.99	----- N/A -----			1
25.6:	7.10	----- N/A -----			1
25.8:	6.94	----- N/A -----			1
26.0:	6.36	----- N/A -----			1
26.2:	5.76	----- N/A -----			1
26.4:	5.20	----- N/A -----			1
26.6:	4.03	----- N/A -----			1
26.8:	3.50	----- N/A -----			1
27.0:	1.72	----- N/A -----			1
27.2:	.73	----- N/A -----			1
27.4:	.44	----- N/A -----			1

SOUND

MEAN	S.D.	MAX	MIN	N
1499	----- N/A -----			1
1493	2.1	1495	1492	2
1489	2.1	1492	1488	3
1486	2.0	1488	1484	3
1482	1.8	1484	1480	4
1477	2.2	1480	1475	4
1473	2.5	1477	1471	4
1473	2.4	1475	1470	4
1473	2.4	1475	1470	4
1473	2.4	1476	1471	4
1473	2.3	1475	1471	4
1471	1.5	1473	1470	4
1472	.0	1472	1472	3
1474	.6	1475	1474	3
1478	.6	1479	1478	3

AUGUST

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.74	.622	15.18	14.30	2	32.611	.1591	32.724	32.499	2
24.4:	13.45	.359	14.01	13.07	5	32.540	.1072	32.717	32.440	5
24.6:	12.49	.387	13.13	12.06	8	32.541	.0972	32.712	32.420	8
24.8:	11.48	.376	12.05	10.97	13	32.569	.0886	32.718	32.426	13
25.0:	10.44	.361	10.96	9.96	15	32.596	.0715	32.728	32.481	15
25.2:	9.30	.404	10.01	8.80	15	32.618	.0719	32.736	32.490	15
25.4:	8.14	.352	8.75	7.62	15	32.646	.0725	32.760	32.512	15
25.6:	7.04	.359	7.68	6.48	15	32.681	.0842	32.786	32.585	15
25.8:	5.91	.277	6.43	5.39	15	32.741	.0452	32.837	32.659	15
26.0:	5.31	.395	6.10	4.75	15	32.906	.0595	33.025	32.822	15
26.2:	5.32	.384	6.15	4.91	15	33.161	.0568	33.286	33.102	15
26.4:	5.35	.407	6.23	4.82	15	33.417	.0618	33.554	33.339	15
26.6:	5.33	.442	6.26	4.61	15	33.666	.0661	33.808	33.561	15
26.8:	4.65	.230	5.00	4.16	15	33.818	.0319	33.867	33.751	15
27.0:	3.96	.082	4.13	3.84	14	33.979	.0106	33.999	33.963	14
27.2:	3.61	.059	3.76	3.53	14	34.186	.0072	34.200	34.176	14
27.4:	3.00	.055	3.13	2.87	14	34.365	.0068	34.380	34.350	14

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.2:	10	.7	11	10	2	373.1	.03	373.1	373.1	2
24.4:	14	4.1	20	9	5	354.1	.11	354.3	354.0	5
24.6:	19	4.8	27	13	8	335.2	.13	335.4	335.0	8
24.8:	24	6.0	33	13	13	316.1	.14	316.4	315.9	13
25.0:	27	5.5	37	20	15	297.1	.10	297.3	296.9	15
25.2:	34	5.6	42	26	15	278.1	.14	278.3	277.9	15
25.4:	42	6.9	59	33	15	259.2	.15	259.4	258.9	15
25.6:	55	12.9	83	43	15	240.3	.16	240.6	240.0	15
25.8:	79	14.3	110	59	15	221.4	.16	221.8	221.2	15
26.0:	106	7.7	120	95	15	202.6	.14	202.9	202.4	15
26.2:	121	10.2	149	110	15	183.8	.16	184.1	183.6	15
26.4:	135	11.6	167	120	15	165.0	.16	165.3	164.8	15
26.6:	157	12.1	187	142	15	146.4	.19	146.7	146.1	15
26.8:	228	17.0	252	199	15	127.9	.20	128.2	127.5	15
27.0:	389	23.2	439	348	14	109.9	.21	110.4	109.6	14
27.2:	611	22.9	648	573	14	92.5	.18	92.9	92.2	14
27.4:	956	36.3	1036	900	14	75.1	.16	75.3	74.8	14

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.2:	14.74	.622	15.18	14.30	2	371.9	1.13	372.7	371.1	2
24.4:	13.45	.361	14.01	13.07	5	351.7	2.03	353.8	349.4	5
24.6:	12.49	.388	13.13	12.05	8	333.7	1.29	334.7	330.9	8
24.8:	11.48	.374	12.05	10.97	13	313.7	1.79	315.6	310.4	13
25.0:	10.43	.361	10.96	9.96	15	294.2	3.08	296.6	287.5	15
25.2:	9.30	.404	10.01	8.80	15	274.7	3.15	277.6	268.4	15
25.4:	8.13	.352	8.75	7.61	15	255.7	2.18	258.5	250.9	15
25.6:	7.04	.359	7.67	6.47	15	238.4	.95	239.4	235.6	15
25.8:	5.90	.277	6.42	5.38	15	220.1	.39	220.5	219.0	15
26.0:	5.30	.394	6.09	4.74	15	201.0	.39	201.5	199.9	15
26.2:	5.31	.384	6.14	4.90	15	182.0	.42	182.5	181.4	15
26.4:	5.34	.407	6.22	4.81	15	163.1	.20	163.4	162.8	15
26.6:	5.32	.442	6.25	4.60	15	144.3	.12	144.5	144.1	15
26.8:	4.63	.230	4.98	4.14	15	125.4	.05	125.5	125.4	15
27.0:	3.93	.082	4.10	3.81	14	106.3	.13	106.4	106.0	14
27.2:	3.57	.059	3.66	3.49	14	87.2	.05	87.3	87.2	14
27.4:	2.94	.056	3.06	2.80	14	68.1	.05	68.2	68.1	14

STD SIGMA T	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
24.2:	.40	.028	.42	.38	2	.02	.000	.02	.02	2
24.4:	.53	.142	.72	.38	5	.04	.023	.08	.02	5
24.6:	.70	.177	.96	.43	8	.07	.033	.13	.03	8
24.8:	.83	.204	1.10	.41	13	.11	.049	.19	.03	13
25.0:	.92	.194	1.23	.63	15	.13	.054	.23	.06	15
25.2:	1.10	.192	1.36	.85	15	.19	.065	.29	.12	15
25.4:	1.34	.214	1.83	1.03	15	.29	.093	.52	.17	15
25.6:	1.66	.355	2.36	1.29	15	.46	.214	.94	.27	15
25.8:	2.21	.384	3.00	1.65	15	.65	.311	1.55	.46	15
26.0:	2.78	.227	3.22	2.47	15	1.38	.215	1.82	1.10	15
26.2:	3.09	.247	3.65	2.80	15	1.74	.282	2.47	1.44	15
26.4:	3.33	.266	3.97	3.02	15	2.06	.342	2.94	1.66	15
26.6:	3.67	.283	4.28	3.27	15	2.57	.395	3.55	2.11	15
26.8:	4.62	.316	5.14	4.09	15	4.47	.624	5.39	3.44	15
27.0:	6.55	.388	7.17	5.93	14	10.55	1.282	13.26	8.41	14
27.2:	8.80	.325	9.26	8.24	14	22.08	1.655	24.66	19.38	14
27.4:	11.69	.415	12.44	10.99	14	45.23	3.374	52.11	40.04	14

AUGUST

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.2:	11.337	.1273	11.427	11.247	2	11.732	.1025	11.805	11.660	2
24.4:	11.328	.2278	11.632	11.063	4	11.881	.2094	12.067	11.634	4
24.6:	11.290	.2314	11.663	10.930	7	11.927	.2044	12.170	11.661	7
24.8:	11.171	.2122	11.659	10.839	12	11.931	.2190	12.318	11.559	12
25.0:	11.041	.1871	11.445	10.749	14	11.858	.2081	12.253	11.513	14
25.2:	10.855	.1557	11.130	10.674	14	11.801	.2024	12.182	11.462	14
25.4:	10.615	.1899	10.944	10.248	14	11.729	.1947	12.093	11.407	14
25.6:	10.277	.3034	10.682	9.736	14	11.636	.1877	11.970	11.327	14
25.8:	9.710	.3233	10.327	9.232	14	11.512	.1835	11.792	11.214	14
26.0:	9.167	.1438	9.417	8.926	14	11.332	.1751	11.570	11.051	14
26.2:	8.866	.1752	9.148	8.520	14	11.115	.1637	11.336	10.850	14
26.4:	8.630	.1993	8.894	8.207	14	10.873	.1549	11.086	10.629	14
26.6:	8.290	.1910	8.576	7.868	14	10.602	.1479	10.810	10.378	14
26.8:	7.319	.1420	7.539	7.090	14	10.265	.1321	10.430	10.066	14
27.0:	5.400	.2155	5.735	4.908	14	9.712	.0967	9.844	9.558	14
27.2:	3.145	.1641	3.411	2.969	14	8.848	.0677	8.955	8.737	14
27.4:	.256	.2710	.664	-.349	14	7.501	.0210	7.533	7.457	14

STD SIGMA T	OXYGEN MEAN		S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
24.2:		-----	N/A	-----		0	1503	2.1	1505	1502	2
24.4:		-----	N/A	-----		0	1499	1.5	1502	1498	5
24.6:	6.44	-----	N/A	-----		1	1496	1.5	1499	1495	8
24.8:	6.78	-----	N/A	-----		1	1492	1.3	1495	1491	13
25.0:	7.05	-----	N/A	-----		1	1489	1.2	1491	1488	15
25.2:	7.23	-----	N/A	-----		1	1485	1.5	1488	1483	15
25.4:	7.38	-----	N/A	-----		1	1481	1.5	1484	1479	15
25.6:	7.24	-----	N/A	-----		1	1477	1.4	1480	1475	15
25.8:	6.97	-----	N/A	-----		1	1473	1.2	1475	1471	15
26.0:	6.43	-----	N/A	-----		1	1471	1.8	1475	1469	15
26.2:	5.81	-----	N/A	-----		1	1471	1.5	1475	1470	15
26.4:	5.15	-----	N/A	-----		1	1472	1.7	1476	1470	15
26.6:	4.39	-----	N/A	-----		1	1473	2.0	1477	1470	15
26.8:	3.34	-----	N/A	-----		1	1471	1.0	1473	1470	15
27.0:	1.62	-----	N/A	-----		1	1471	.7	1473	1471	14
27.2:	.69	-----	N/A	-----		1	1474	.4	1475	1474	14
27.4:	.48	-----	N/A	-----		1	1477	.5	1478	1477	14

SEPTEMBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.32	.092	14.39	14.26	2	32.488	.0282	32.506	32.468	2
24.4:	13.45	.315	14.07	13.06	12	32.533	.0750	32.679	32.410	12
24.6:	12.38	.297	12.76	11.96	14	32.564	.0768	32.702	32.410	14
24.8:	11.30	.274	11.57	10.83	14	32.592	.0865	32.723	32.417	14
25.0:	10.29	.262	10.54	9.77	14	32.626	.0865	32.743	32.485	14
25.2:	9.29	.319	9.77	8.78	14	32.653	.0934	32.786	32.503	14
25.4:	8.33	.417	9.00	7.72	14	32.684	.0973	32.831	32.538	14
25.6:	7.29	.527	8.13	6.51	14	32.723	.0921	32.866	32.582	14
25.8:	6.23	.402	7.07	5.72	14	32.794	.0867	32.932	32.708	14
26.0:	5.70	.411	6.31	5.12	14	32.966	.0839	33.061	32.878	14
26.2:	5.63	.432	6.29	5.06	14	33.211	.0701	33.322	33.116	14
26.4:	5.66	.473	6.27	4.94	14	33.466	.0709	33.561	33.363	14
26.6:	5.56	.508	6.16	4.69	14	33.701	.0775	33.796	33.572	14
26.8:	4.84	.322	5.36	4.11	14	33.845	.0452	33.920	33.745	14
27.0:	4.06	.123	4.22	3.72	13	33.992	.0160	34.013	33.949	13
27.2:	3.65	.066	3.76	3.53	13	34.191	.0083	34.205	34.177	13
27.4:	3.01	.054	3.10	2.88	13	34.366	.0067	34.376	34.350	13

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.2:	11	10.6	19	4	2	373.2	.28	373.4	373.0	2
24.4:	27	6.0	34	16	12	354.4	.12	354.6	354.2	12
24.6:	30	6.7	37	15	14	335.2	.10	335.4	335.1	14
24.8:	34	5.6	40	24	14	316.1	.15	316.3	315.9	14
25.0:	38	5.6	44	27	14	297.0	.18	297.2	296.7	14
25.2:	42	5.2	48	29	14	278.1	.19	278.3	277.8	14
25.4:	48	6.9	65	36	14	259.2	.18	259.5	259.0	14
25.6:	61	14.1	87	45	14	240.4	.15	240.6	240.1	14
25.8:	82	14.8	106	69	14	221.5	.15	221.8	221.3	14
26.0:	106	8.3	123	94	14	202.7	.11	202.9	202.5	14
26.2:	120	9.5	142	108	14	183.9	.12	184.0	183.6	14
26.4:	134	13.1	161	116	14	165.1	.17	165.5	164.8	14
26.6:	155	16.3	188	138	14	146.4	.19	146.8	146.1	14
26.8:	232	23.7	286	206	14	128.0	.26	128.6	127.6	14
27.0:	402	22.5	443	348	13	110.2	.25	110.7	109.7	13
27.2:	628	37.3	696	563	13	92.7	.28	93.2	92.3	13
27.4:	973	35.7	1051	913	13	75.2	.21	75.7	75.0	13

SEPTEMBER

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.32	.092	14.39	14.26	2
24.4:	13.44	.316	14.07	13.08	12
24.6:	12.37	.295	12.75	11.96	14
24.8:	11.30	.272	11.57	10.83	14
25.0:	10.28	.259	10.56	9.76	14
25.2:	9.29	.318	9.76	8.77	14
25.4:	8.32	.419	9.00	7.71	14
25.6:	7.28	.529	8.13	6.50	14
25.8:	6.23	.403	7.07	5.71	14
26.0:	5.69	.411	6.30	5.11	14
26.2:	5.62	.432	6.28	5.05	14
26.4:	5.65	.473	6.26	4.93	14
26.6:	5.55	.507	6.16	4.68	14
26.8:	4.82	.322	5.34	4.09	14
27.0:	4.03	.122	4.19	3.69	13
27.2:	3.60	.064	3.71	3.49	13
27.4:	2.94	.055	3.03	2.81	13

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
372.5	.21	372.7	372.4	2
352.1	1.60	353.8	349.0	12
329.8	3.84	334.6	325.2	14
308.8	4.75	315.6	303.6	14
289.5	4.35	296.6	284.3	14
271.9	3.29	277.4	267.4	14
255.6	2.12	258.5	252.3	14
238.5	.86	239.2	236.4	14
219.9	.34	220.4	219.4	14
200.9	.38	201.4	200.1	14
181.7	.45	182.5	181.1	14
163.0	.17	163.3	162.7	14
144.2	.13	144.5	144.0	14
125.4	.04	125.4	125.3	14
106.3	.14	106.4	106.0	13
87.2	.05	87.3	87.1	13
68.1	.05	68.2	68.1	13

DELTA D

24.2:	.44	.403	.73	.16	2
24.4:	1.02	.217	1.25	.59	12
24.6:	1.09	.252	1.36	.61	14
24.8:	1.23	.205	1.47	.86	14
25.0:	1.34	.205	1.56	.94	14
25.2:	1.47	.186	1.67	1.01	14
25.4:	1.63	.207	2.00	1.20	14
25.6:	1.95	.365	2.57	1.42	14
25.8:	2.44	.408	3.12	1.99	14
26.0:	2.96	.267	3.44	2.51	14
26.2:	3.22	.276	3.81	2.78	14
26.4:	3.47	.332	4.14	2.96	14
26.6:	3.80	.381	4.53	3.30	14
26.8:	4.85	.471	5.82	4.24	14
27.0:	6.90	.393	7.70	6.11	13
27.2:	9.20	.518	10.28	8.29	13
27.4:	12.10	.512	13.26	11.23	13

POT. ENERGY

24.2:	.03	.049	.07	.00	2
24.4:	.15	.057	.22	.05	12
24.6:	.18	.069	.26	.04	14
24.8:	.22	.065	.30	.11	14
25.0:	.26	.071	.34	.13	14
25.2:	.31	.069	.39	.15	14
25.4:	.39	.100	.62	.21	14
25.6:	.59	.246	1.06	.30	14
25.8:	.96	.333	1.52	.63	14
26.0:	1.45	.244	1.90	1.07	14
26.2:	1.75	.289	2.40	1.35	14
26.4:	2.08	.348	2.93	1.56	14
26.6:	2.58	.531	3.62	2.00	14
26.8:	4.67	.940	6.81	3.61	14
27.0:	11.29	1.227	13.75	8.57	13
27.2:	23.42	2.705	28.75	18.71	13
27.4:	47.14	3.685	55.53	40.64	13

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	11.882	.1103	11.960	11.804	2
24.4:	11.226	.2298	11.554	10.880	11
24.6:	11.110	.2228	11.443	10.781	13
24.8:	10.952	.2443	11.340	10.651	13
25.0:	10.848	.2505	11.294	10.472	13
25.2:	10.720	.2365	11.154	10.323	13
25.4:	10.553	.2343	10.916	10.179	13
25.6:	10.224	.2666	10.644	9.657	13
25.8:	9.740	.2492	10.134	9.307	13
26.0:	9.222	.1730	9.441	8.900	13
26.2:	8.964	.2053	9.209	8.539	13
26.4:	8.707	.2143	8.986	8.310	13
26.6:	8.377	.2213	8.659	8.007	13
26.8:	7.329	.2555	7.750	6.772	13
27.0:	5.316	.1594	5.689	5.110	13
27.2:	3.023	.2875	3.509	2.457	13
27.4:	.124	.2740	.572	-.467	13

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.324	.2871	12.527	12.121	2
12.258	.2413	12.764	12.034	11
12.146	.2525	12.695	11.800	13
12.081	.2492	12.621	11.737	13
12.010	.2466	12.541	11.665	13
11.933	.2450	12.456	11.584	13
11.846	.2429	12.363	11.495	13
11.743	.2342	12.242	11.387	13
11.605	.2149	12.052	11.258	13
11.422	.1998	11.840	11.092	13
11.204	.1926	11.606	10.871	13
10.964	.1870	11.348	10.618	13
10.691	.1752	11.057	10.343	13
10.351	.1560	10.674	10.022	13
9.789	.1288	10.055	9.531	13
8.898	.0835	9.074	8.747	13
7.516	.0221	7.567	7.485	13

OXYGEN

24.2:	----- N/A -----				0
24.4:	6.25	----- N/A -----			1
24.6:	6.30	.113	6.38	6.22	2
24.8:	6.47	.042	6.50	6.44	2
25.0:	6.61	.007	6.62	6.61	2
25.2:	6.75	.057	6.79	6.71	2
25.4:	6.87	.099	6.94	6.80	2
25.6:	6.96	.113	7.04	6.88	2
25.8:	6.91	.042	6.94	6.88	2
26.0:	6.57	.049	6.61	6.54	2
26.2:	6.01	.007	6.02	6.01	2
26.4:	5.46	.092	5.53	5.40	2
26.6:	4.83	.304	5.05	4.62	2
26.8:	3.33	.106	3.41	3.26	2
27.0:	1.68	.021	1.70	1.67	2
27.2:	.76	.000	.76	.76	2
27.4:	.46	.007	.47	.46	2

SOUND

MEAN	S.D.	MAX	MIN	N
1502	.0	1502	1502	2
1499	1.1	1502	1498	12
1496	1.1	1498	1495	14
1492	1.0	1494	1491	14
1489	1.0	1490	1487	14
1485	1.3	1487	1483	14
1482	1.7	1485	1480	14
1478	2.0	1481	1475	14
1474	1.7	1476	1472	14
1472	1.7	1475	1470	14
1473	2.0	1476	1471	14
1473	2.0	1476	1471	14
1474	2.2	1477	1470	14
1472	1.3	1474	1470	14
1472	.8	1474	1471	13
1474	.8	1476	1474	13
1478	.5	1479	1477	13

OCTOBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.92	----- N/A -----			1
25.2:	8.68	.064	8.73	8.64	2
25.4:	7.65	.212	7.80	7.50	2
25.6:	6.71	.311	6.93	6.49	2
25.8:	5.88	.283	6.08	5.68	2
26.0:	5.28	.247	5.46	5.11	2
26.2:	5.16	.290	5.37	4.96	2
26.4:	5.09	.403	5.38	4.81	2
26.6:	5.34	.064	5.39	5.30	2
26.8:	4.95	.120	5.04	4.87	2
27.0:	4.10	.163	4.22	3.99	2
27.2:	3.64	----- N/A -----			1
27.4:	3.10	----- N/A -----			1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.477	----- N/A -----			1
32.514	.0135	32.524	32.505	2
32.574	.0117	32.582	32.566	2
32.625	.0305	32.647	32.604	2
32.747	.0460	32.780	32.715	2
32.897	.0360	32.923	32.872	2
33.145	.0369	33.171	33.119	2
33.383	.0544	33.422	33.345	2
33.666	.0078	33.672	33.661	2
33.861	.0173	33.873	33.849	2
34.001	.0224	34.017	33.985	2
34.189	----- N/A -----			1
34.376	----- N/A -----			1

DEPTH

25.0:	52	----- N/A -----			1
25.2:	58	1.4	59	57	2
25.4:	65	.7	66	65	2
25.6:	73	1.4	74	72	2
25.8:	86	2.8	88	84	2
26.0:	100	.7	101	100	2
26.2:	112	3.5	115	110	2
26.4:	125	7.8	131	120	2
26.6:	152	8.5	158	146	2
26.8:	210	1.4	211	209	2
27.0:	367	9.9	374	360	2
27.2:	575	----- N/A -----			1
27.4:	892	----- N/A -----			1

SVA

25.0:	297.6	----- N/A -----			1
25.2:	278.3	.07	278.4	278.3	2
25.4:	259.4	.14	259.5	259.3	2
25.6:	240.4	.21	240.6	240.3	2
25.8:	221.4	.07	221.5	221.4	2
26.0:	202.5	.07	202.6	202.5	2
26.2:	183.6	.21	183.8	183.5	2
26.4:	164.8	.21	165.0	164.7	2
26.6:	146.2	.07	146.3	146.2	2
26.8:	127.8	.07	127.9	127.8	2
27.0:	109.9	.00	109.9	109.9	2
27.2:	92.3	----- N/A -----			1
27.4:	74.9	----- N/A -----			1

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.91	----- N/A -----			1
25.2:	8.67	.064	8.72	8.63	2
25.4:	7.64	.205	7.79	7.50	2
25.6:	6.70	.318	6.93	6.48	2
25.8:	5.87	.276	6.07	5.68	2
26.0:	5.27	.247	5.45	5.10	2
26.2:	5.15	.290	5.36	4.95	2
26.4:	5.08	.403	5.37	4.80	2
26.6:	5.33	.064	5.38	5.29	2
26.8:	4.94	.127	5.03	4.85	2
27.0:	4.08	.163	4.20	3.97	2
27.2:	3.60	----- N/A -----			1
27.4:	3.04	----- N/A -----			1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
294.6	----- N/A -----			1
273.1	1.91	274.5	271.8	2
254.3	2.05	255.8	252.9	2
238.3	1.63	239.5	237.2	2
219.2	.21	219.4	219.1	2
201.3	.07	201.4	201.3	2
181.4	.50	181.8	181.1	2
162.8	.21	163.0	162.7	2
144.3	.14	144.4	144.2	2
125.4	.00	125.4	125.4	2
106.0	.07	106.1	106.0	2
87.2	----- N/A -----			1
68.2	----- N/A -----			1

DELTA D

25.0:	1.59	----- N/A -----			1
25.2:	1.74	.057	1.78	1.70	2
25.4:	1.94	.021	1.96	1.93	2
25.6:	2.14	.014	2.15	2.13	2
25.8:	2.44	.042	2.47	2.41	2
26.0:	2.75	.007	2.76	2.75	2
26.2:	2.98	.049	3.02	2.95	2
26.4:	3.20	.134	3.30	3.11	2
26.6:	3.61	.113	3.69	3.53	2
26.8:	4.39	.021	4.41	4.38	2
27.0:	6.27	.106	6.35	6.20	2
27.2:	8.38	----- N/A -----			1
27.4:	11.05	----- N/A -----			1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.43	----- N/A -----			1
.52	.028	.54	.50	2
.64	.007	.65	.64	2
.78	.021	.80	.77	2
1.03	.057	1.07	.99	2
1.33	.014	1.34	1.32	2
1.59	.085	1.65	1.53	2
1.86	.198	2.00	1.72	2
2.43	.156	2.54	2.32	2
3.88	.021	3.90	3.87	2
9.42	.396	9.70	9.14	2
19.55	----- N/A -----			1
39.54	----- N/A -----			1

OCTOBER

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			0
25.2:	10.072	----- N/A -----			1
25.4:	9.844	----- N/A -----			1
25.6:	9.625	----- N/A -----			1
25.8:	9.302	----- N/A -----			1
26.0:	9.025	----- N/A -----			1
26.2:	8.748	----- N/A -----			1
26.4:	8.474	----- N/A -----			1
26.6:	8.242	----- N/A -----			1
26.8:	7.390	----- N/A -----			1
27.0:	5.575	----- N/A -----			1
27.2:	3.397	----- N/A -----			1
27.4:	.726	----- N/A -----			1

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			0
25.2:	11.677	----- N/A -----			1
25.4:	11.559	----- N/A -----			1
25.6:	11.427	----- N/A -----			1
25.8:	11.272	----- N/A -----			1
26.0:	11.089	----- N/A -----			1
26.2:	10.883	----- N/A -----			1
26.4:	10.651	----- N/A -----			1
26.6:	10.389	----- N/A -----			1
26.8:	10.077	----- N/A -----			1
27.0:	9.568	----- N/A -----			1
27.2:	8.743	----- N/A -----			1
27.4:	7.466	----- N/A -----			1

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			0
25.2:		----- N/A -----			0
25.4:		----- N/A -----			0
25.6:		----- N/A -----			0
25.8:		----- N/A -----			0
26.0:		----- N/A -----			0
26.2:		----- N/A -----			0
26.4:		----- N/A -----			0
26.6:		----- N/A -----			0
26.8:		----- N/A -----			0
27.0:		----- N/A -----			0
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1488	----- N/A -----			1
25.2:	1483	.0	1483	1483	2
25.4:	1479	.7	1480	1479	2
25.6:	1476	1.4	1477	1475	2
25.8:	1473	1.4	1474	1472	2
26.0:	1471	1.4	1472	1470	2
26.2:	1471	1.4	1472	1470	2
26.4:	1471	2.1	1473	1470	2
26.6:	1473	.0	1473	1473	2
26.8:	1472	.7	1473	1472	2
27.0:	1472	.0	1472	1472	2
27.2:	1474	----- N/A -----			1
27.4:	1477	----- N/A -----			1

NOVEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	9.79	----- N/A -----			1
25.4:	8.59	----- N/A -----			1
25.6:	7.54	----- N/A -----			1
25.8:	6.59	----- N/A -----			1
26.0:	5.56	----- N/A -----			1
26.2:	5.66	----- N/A -----			1
26.4:	5.95	----- N/A -----			1
26.6:	6.09	----- N/A -----			1
26.8:	5.02	----- N/A -----			1
27.0:	4.09	----- N/A -----			1
27.2:	3.65	----- N/A -----			1
27.4:	3.01	----- N/A -----			1

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	32.688	----- N/A -----			1
25.4:	32.751	----- N/A -----			1
25.6:	32.807	----- N/A -----			1
25.8:	32.857	----- N/A -----			1
26.0:	32.936	----- N/A -----			1
26.2:	33.205	----- N/A -----			1
26.4:	33.512	----- N/A -----			1
26.6:	33.781	----- N/A -----			1
26.8:	33.870	----- N/A -----			1
27.0:	33.996	----- N/A -----			1
27.2:	34.192	----- N/A -----			1
27.4:	34.365	----- N/A -----			1

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	50	----- N/A -----			1
25.4:	57	----- N/A -----			1
25.6:	64	----- N/A -----			1
25.8:	71	----- N/A -----			1
26.0:	99	----- N/A -----			1
26.2:	124	----- N/A -----			1
26.4:	137	----- N/A -----			1
26.6:	158	----- N/A -----			1
26.8:	249	----- N/A -----			1
27.0:	437	----- N/A -----			1
27.2:	639	----- N/A -----			1
27.4:	961	----- N/A -----			1

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	278.5	----- N/A -----			1
25.4:	259.4	----- N/A -----			1
25.6:	240.3	----- N/A -----			1
25.8:	221.4	----- N/A -----			1
26.0:	202.6	----- N/A -----			1
26.2:	184.0	----- N/A -----			1
26.4:	165.2	----- N/A -----			1
26.6:	146.7	----- N/A -----			1
26.8:	128.3	----- N/A -----			1
27.0:	110.5	----- N/A -----			1
27.2:	92.8	----- N/A -----			1
27.4:	75.1	----- N/A -----			1

NOVEMBER

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
25.2:	9.78	-----	N/A	-----	1	276.9	-----	N/A	-----	1
25.4:	8.59	-----	N/A	-----	1	254.2	-----	N/A	-----	1
25.6:	7.53	-----	N/A	-----	1	235.4	-----	N/A	-----	1
25.8:	6.59	-----	N/A	-----	1	219.6	-----	N/A	-----	1
26.0:	5.55	-----	N/A	-----	1	201.5	-----	N/A	-----	1
26.2:	5.65	-----	N/A	-----	1	182.4	-----	N/A	-----	1
26.4:	5.94	-----	N/A	-----	1	162.8	-----	N/A	-----	1
26.6:	6.08	-----	N/A	-----	1	144.3	-----	N/A	-----	1
26.8:	5.00	-----	N/A	-----	1	125.4	-----	N/A	-----	1
27.0:	4.06	-----	N/A	-----	1	106.2	-----	N/A	-----	1
27.2:	3.61	-----	N/A	-----	1	87.1	-----	N/A	-----	1
27.4:	2.94	-----	N/A	-----	1	68.2	-----	N/A	-----	1

	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
25.2:	1.47	-----	N/A	-----	1	.38	-----	N/A	-----	1
25.4:	1.65	-----	N/A	-----	1	.48	-----	N/A	-----	1
25.6:	1.82	-----	N/A	-----	1	.59	-----	N/A	-----	1
25.8:	1.98	-----	N/A	-----	1	.70	-----	N/A	-----	1
26.0:	2.57	-----	N/A	-----	1	1.21	-----	N/A	-----	1
26.2:	3.08	-----	N/A	-----	1	1.79	-----	N/A	-----	1
26.4:	3.29	-----	N/A	-----	1	2.08	-----	N/A	-----	1
26.6:	3.63	-----	N/A	-----	1	2.59	-----	N/A	-----	1
26.8:	4.87	-----	N/A	-----	1	5.17	-----	N/A	-----	1
27.0:	7.12	-----	N/A	-----	1	13.04	-----	N/A	-----	1
27.2:	9.18	-----	N/A	-----	1	24.38	-----	N/A	-----	1
27.4:	11.89	-----	N/A	-----	1	46.53	-----	N/A	-----	1

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.2:	10.641	-----	N/A	-----	1	12.053	-----	N/A	-----	1
25.4:	10.457	-----	N/A	-----	1	11.949	-----	N/A	-----	1
25.6:	10.287	-----	N/A	-----	1	11.833	-----	N/A	-----	1
25.8:	10.131	-----	N/A	-----	1	11.705	-----	N/A	-----	1
26.0:	9.538	-----	N/A	-----	1	11.549	-----	N/A	-----	1
26.2:	9.029	-----	N/A	-----	1	11.331	-----	N/A	-----	1
26.4:	8.814	-----	N/A	-----	1	11.085	-----	N/A	-----	1
26.6:	8.478	-----	N/A	-----	1	10.816	-----	N/A	-----	1
26.8:	7.237	-----	N/A	-----	1	10.457	-----	N/A	-----	1
27.0:	4.991	-----	N/A	-----	1	9.854	-----	N/A	-----	1
27.2:	2.928	-----	N/A	-----	1	8.906	-----	N/A	-----	1
27.4:	.219	-----	N/A	-----	1	7.509	-----	N/A	-----	1

	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
25.2:	6.54	-----	N/A	-----	1	1487	-----	N/A	-----	1
25.4:	6.63	-----	N/A	-----	1	1483	-----	N/A	-----	1
25.6:	6.71	-----	N/A	-----	1	1479	-----	N/A	-----	1
25.8:	6.79	-----	N/A	-----	1	1476	-----	N/A	-----	1
26.0:	6.86	-----	N/A	-----	1	1472	-----	N/A	-----	1
26.2:	6.25	-----	N/A	-----	1	1473	-----	N/A	-----	1
26.4:	5.58	-----	N/A	-----	1	1475	-----	N/A	-----	1
26.6:	4.86	-----	N/A	-----	1	1476	-----	N/A	-----	1
26.8:	3.31	-----	N/A	-----	1	1474	-----	N/A	-----	1
27.0:	1.84	-----	N/A	-----	1	1473	-----	N/A	-----	1
27.2:	.82	-----	N/A	-----	1	1475	-----	N/A	-----	1
27.4:	.50	-----	N/A	-----	1	1478	-----	N/A	-----	1

DECEMBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.4:	8.05	.295	8.35	7.66	4	32.608	.0564	32.665	32.541	4
25.6:	6.97	.378	7.44	6.29	10	32.678	.0672	32.765	32.569	10
25.8:	6.12	.432	6.63	5.14	11	32.787	.0700	32.854	32.625	11
26.0:	5.42	.471	6.01	4.67	11	32.923	.0705	33.014	32.813	11
26.2:	5.21	.495	6.00	4.45	11	33.145	.0736	33.265	33.034	11
26.4:	5.23	.556	6.02	4.46	11	33.401	.0812	33.520	33.295	11
26.6:	5.29	.597	6.19	4.47	11	33.660	.0885	33.797	33.542	11
26.8:	4.72	.389	5.29	4.04	11	33.828	.0542	33.910	33.735	11
27.0:	3.98	.131	4.10	3.71	11	33.978	.0166	33.996	33.948	11
27.2:	3.58	.054	3.65	3.49	10	34.183	.0071	34.191	34.171	10
27.4:	2.98	.033	3.04	2.95	10	34.363	.0041	34.369	34.358	10
	DEPTH					SVA				
25.4:	73	10.8	79	57	4	259.6	.13	259.8	259.5	4
25.6:	82	4.5	88	76	10	240.6	.07	240.7	240.5	10
25.8:	92	4.4	98	85	11	221.6	.12	221.8	221.4	11
26.0:	103	8.9	124	93	11	202.6	.16	202.9	202.4	11
26.2:	118	11.3	141	103	11	183.7	.19	184.0	183.5	11
26.4:	132	12.3	158	115	11	165.0	.25	165.4	164.7	11
26.6:	150	14.6	178	127	11	146.3	.31	146.9	145.9	11
26.8:	220	23.7	254	176	11	127.8	.34	128.3	127.4	11
27.0:	382	25.7	421	337	11	109.9	.30	110.3	109.5	11
27.2:	614	29.2	657	573	10	92.5	.26	92.8	92.1	10
27.4:	957	29.4	1015	925	10	75.0	.19	75.4	74.8	10
	THETA					SVA (THETA)				
25.4:	8.04	.295	8.34	7.65	4	257.2	.88	258.5	256.5	4
25.6:	6.96	.375	7.43	6.29	10	237.7	.93	239.0	236.2	10
25.8:	6.11	.430	6.62	5.14	11	219.1	.95	220.2	217.6	11
26.0:	5.41	.471	6.00	4.66	11	201.0	.37	201.5	200.3	11
26.2:	5.20	.495	5.99	4.44	11	182.0	.24	182.3	181.6	11
26.4:	5.22	.555	6.00	4.45	11	163.0	.27	163.5	162.5	11
26.6:	5.28	.597	6.18	4.46	11	144.4	.09	144.5	144.2	11
26.8:	4.70	.391	5.28	4.02	11	125.4	.06	125.5	125.3	11
27.0:	3.92	.131	4.07	3.68	11	106.3	.10	106.4	106.1	11
27.2:	3.54	.053	3.60	3.45	10	87.2	.06	87.3	87.1	10
27.4:	2.92	.032	2.97	2.88	10	68.2	.04	68.2	68.1	10
	DELTA D					POT. ENERGY				
25.4:	1.97	.303	2.16	1.52	4	.75	.207	.87	.44	4
25.6:	2.14	.174	2.36	1.87	10	.91	.119	1.06	.73	10
25.8:	2.35	.157	2.58	2.09	11	1.11	.118	1.27	.91	11
26.0:	2.60	.231	2.99	2.26	11	1.36	.230	1.85	1.06	11
26.2:	2.88	.256	3.32	2.47	11	1.68	.297	2.29	1.27	11
26.4:	3.12	.272	3.62	2.67	11	2.00	.354	2.76	1.49	11
26.6:	3.41	.312	3.92	2.86	11	2.42	.443	3.27	1.73	11
26.8:	4.38	.442	4.89	3.52	11	4.24	.834	5.47	2.74	11
27.0:	6.29	.456	6.96	5.55	11	10.20	1.379	12.31	7.93	11
27.2:	8.63	.507	9.38	7.68	10	22.18	2.266	25.55	19.07	10
27.4:	11.81	.499	12.28	10.68	10	45.34	3.187	51.29	41.62	10
	DELTA -BH					ACC. POT.				
25.4:	10.808	.2318	10.292	8.198	4	11.908	.1597	12.135	11.772	4
25.6:	9.628	.2301	10.049	8.106	9	11.630	.2577	12.000	11.256	9
25.8:	9.406	.2021	9.816	8.178	10	11.457	.2397	11.835	11.100	10
26.0:	9.198	.1696	9.863	8.043	10	11.272	.2339	11.653	10.930	10
26.2:	8.919	.1296	9.115	8.642	10	11.066	.2225	11.430	10.745	10
26.4:	8.682	.1320	8.865	8.360	10	10.833	.2103	11.171	10.537	10
26.6:	8.193	.1014	8.427	8.102	10	10.575	.1961	10.880	10.307	10
26.8:	7.440	.1091	7.788	7.188	10	10.254	.1698	10.497	10.008	10
27.0:	5.477	.1869	5.822	5.226	10	9.723	.1284	9.908	9.539	10
27.2:	3.127	.2108	3.427	2.813	10	8.860	.0789	8.975	8.760	10
27.4:	.243	.2194	.484	-.190	10	7.499	.0216	7.543	7.470	10
	OXYGEN					SOUND				
25.4:		-----	N/A	-----	0	1481	1.3	1483	1480	4
25.6:		-----	N/A	-----	0	1477	1.8	1479	1474	10
25.8:	8.85	-----	N/A	-----	1	1474	1.9	1476	1470	11
26.0:	8.86	-----	N/A	-----	1	1471	2.1	1474	1468	11
26.2:	8.88	-----	N/A	-----	1	1471	2.3	1475	1468	11
26.4:	5.96	-----	N/A	-----	1	1472	2.4	1476	1469	11
26.6:	5.20	-----	N/A	-----	1	1472	2.7	1477	1469	11
26.8:	3.72	-----	N/A	-----	1	1471	1.8	1475	1469	11
27.0:	2.05	-----	N/A	-----	1	1471	.8	1473	1470	11
27.2:	.90	-----	N/A	-----	1	1474	.7	1475	1473	10
27.4:	.49	-----	N/A	-----	1	1477	.7	1479	1477	10

Table 23. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, using all data, for Station 12.

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	8.57	2.806	14.70	4.50	153	32.608	.0993	32.867	32.360	153
10:	8.49	2.780	14.57	4.50	153	32.607	.0964	32.811	32.338	153
20:	8.35	2.689	14.48	4.50	153	32.610	.0971	32.816	32.337	153
30:	7.88	2.279	14.41	4.50	153	32.620	.0955	32.840	32.336	153
50:	6.78	1.243	11.40	4.50	153	32.647	.0919	32.860	32.370	153
75:	6.02	.809	9.34	4.50	153	32.681	.0993	33.027	32.480	153
100:	5.42	.588	8.24	4.34	153	32.806	.1836	33.520	32.500	153
125:	4.98	.395	6.14	4.09	153	33.183	.2880	33.784	32.655	153
150:	4.93	.393	6.22	4.04	153	33.570	.1836	33.822	33.027	153
175:	4.83	.403	6.03	3.85	153	33.734	.0934	33.890	33.417	153
200:	4.65	.388	5.78	3.77	153	33.790	.0589	33.910	33.625	153
225:	4.46	.356	5.58	3.75	153	33.819	.0473	33.920	33.671	153
250:	4.31	.322	5.30	3.68	153	33.846	.0415	33.950	33.711	153
300:	4.11	.236	4.83	3.60	153	33.896	.0350	34.010	33.772	153
400:	3.89	.137	4.38	3.55	148	34.009	.0295	34.129	33.925	148
500:	3.76	.087	4.00	3.54	130	34.106	.0239	34.159	34.040	130
600:	3.58	.072	3.82	3.42	130	34.183	.0218	34.235	34.124	130
700:	3.41	.065	3.63	3.27	129	34.247	.0203	34.304	34.198	129
800:	3.23	.052	3.44	3.11	129	34.299	.0172	34.342	34.251	129
900:	3.07	.046	3.27	2.97	129	34.342	.0165	34.381	34.301	129
1000:	2.92	.042	3.10	2.82	129	34.379	.0155	34.418	34.333	129
1200:	2.65	.042	2.85	2.54	128	34.440	.0161	34.482	34.405	128
1500:	2.34	.039	2.42	2.21	103	34.507	.0168	34.557	34.462	103
2000:	1.95	.018	1.98	1.92	12	34.589	.0158	34.630	34.565	12
2500:	1.75	.021	1.77	1.71	7	34.627	.0076	34.636	34.616	7
3000:	1.59	.016	1.62	1.57	7	34.657	.0059	34.665	34.651	7
3500:	1.51	.058	1.55	1.38	7	34.675	.0150	34.701	34.660	7

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.296	.4984	25.928	24.103	153	268.5	47.24	382.1	208.4	153
10:	25.308	.4911	25.931	24.073	153	267.6	46.79	385.2	208.3	153
20:	25.333	.4717	25.933	24.072	153	265.3	44.98	385.6	208.1	153
30:	25.420	.3964	25.967	24.069	153	257.2	37.84	386.1	205.0	153
50:	25.612	.2098	25.974	24.860	153	239.1	20.06	311.0	204.5	153
75:	25.740	.1502	26.075	25.250	153	227.1	14.38	274.2	195.3	153
100:	25.912	.1744	26.492	25.520	153	210.9	16.62	248.7	156.0	153
125:	26.261	.2198	26.718	25.826	153	178.1	20.80	219.6	134.8	153
150:	26.573	.1318	26.787	26.156	153	148.7	12.45	188.1	128.4	153
175:	26.713	.0639	26.832	26.460	153	135.6	6.06	159.6	124.4	153
200:	26.779	.0379	26.866	26.656	153	129.6	3.64	141.1	121.1	153
225:	26.822	.0333	26.899	26.734	153	125.7	3.24	133.9	118.4	153
250:	26.859	.0316	26.960	26.780	153	122.3	3.09	130.1	112.5	153
300:	26.921	.0302	27.053	26.838	153	116.8	2.93	124.8	104.0	153
400:	27.032	.0279	27.146	26.957	148	106.9	2.70	114.4	96.0	148
500:	27.122	.0239	27.175	27.049	130	99.1	2.32	106.3	94.0	130
600:	27.201	.0214	27.248	27.144	130	92.3	2.08	97.8	87.7	130
700:	27.269	.0193	27.319	27.224	129	86.3	1.89	90.8	81.6	129
800:	27.327	.0162	27.368	27.290	129	81.3	1.57	84.7	77.3	129
900:	27.377	.0151	27.409	27.340	129	77.0	1.47	80.5	74.0	129
1000:	27.420	.0138	27.452	27.383	129	73.2	1.35	76.7	70.1	129
1200:	27.492	.0140	27.527	27.463	128	67.0	1.35	69.8	63.6	128
1500:	27.572	.0142	27.617	27.531	103	60.1	1.36	64.0	55.6	103
2000:	27.668	.0134	27.702	27.648	12	51.7	1.27	53.6	48.6	12
2500:	27.715	.0055	27.720	27.707	7	48.1	.48	49.0	47.7	7
3000:	27.750	.0048	27.756	27.745	7	45.5	.42	46.1	44.9	7
3500:	27.771	.0113	27.790	27.758	7	44.3	1.13	45.6	42.8	7

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	8.57	2.806	14.70	4.50	153	268.5	47.24	382.1	208.4	153
10:	8.49	2.780	14.57	4.50	153	267.4	46.74	385.0	208.2	153
20:	8.35	2.689	14.46	4.50	153	265.0	44.87	385.0	207.9	153
30:	7.88	2.279	14.41	4.50	153	256.7	37.69	385.2	204.7	153
50:	6.78	1.242	11.39	4.50	153	238.4	19.94	309.9	204.0	153
75:	6.01	.809	9.33	4.49	153	226.2	14.26	272.8	194.4	153
100:	5.41	.588	8.23	4.34	153	209.8	16.57	287.0	154.8	153
125:	4.97	.395	6.13	4.09	153	176.7	20.87	218.0	133.3	153
150:	4.92	.393	6.21	4.03	153	147.1	12.51	186.6	126.7	153
175:	4.82	.404	6.01	3.83	153	133.7	6.06	157.8	122.4	153
200:	4.63	.382	5.76	3.76	153	127.5	3.59	139.1	119.2	153
225:	4.44	.356	5.56	3.73	153	123.4	3.15	131.8	116.1	153
250:	4.29	.321	5.28	3.66	153	119.9	3.00	127.4	110.3	153
300:	4.09	.235	4.80	3.58	153	114.0	2.86	121.8	101.4	153
400:	3.87	.136	4.35	3.52	148	103.4	2.64	110.4	92.5	148
500:	3.73	.086	3.96	3.50	130	94.7	2.26	101.7	89.7	130
600:	3.54	.073	3.77	3.38	130	87.3	2.02	92.6	82.8	130
700:	3.36	.064	3.58	3.22	129	80.7	1.63	85.0	76.0	129
800:	3.18	.052	3.38	3.06	129	75.2	1.53	78.7	71.3	129
900:	3.01	.045	3.20	2.91	129	70.4	1.43	73.9	67.4	129
1000:	2.85	.042	3.03	2.75	129	66.3	1.31	69.8	63.2	129
1200:	2.57	.042	2.76	2.46	128	59.4	1.32	62.1	56.1	128
1500:	2.23	.038	2.31	2.11	103	51.7	1.34	55.5	47.4	103
2000:	1.82	.018	1.84	1.78	12	42.4	1.26	44.3	39.2	12
2500:	1.57	.023	1.59	1.53	7	37.7	.49	38.4	37.2	7
3000:	1.37	.016	1.40	1.35	7	34.1	.44	34.5	33.5	7
3500:	1.24	.058	1.28	1.11	7	31.8	1.09	33.1	30.0	7

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	153	.00	.000	.00	.00	153
10:	.27	.047	.39	.21	153	.01	.004	.02	.01	153
20:	.54	.094	.77	.42	153	.05	.010	.08	.04	153
30:	.80	.134	1.17	.62	153	.12	.020	.18	.10	153
50:	1.30	.183	1.81	1.03	153	.32	.040	.44	.26	153
75:	1.88	.203	2.43	1.54	153	.70	.057	.84	.59	153
100:	2.42	.218	2.99	2.05	153	1.18	.078	1.37	1.00	153
125:	2.91	.232	3.51	2.41	153	1.74	.110	2.01	1.41	153
150:	3.32	.249	3.98	2.75	153	2.31	.152	2.64	1.88	153
175:	3.67	.260	4.36	3.07	153	2.90	.181	3.30	2.41	153
200:	4.01	.266	4.72	3.38	153	3.53	.197	3.99	3.01	153
225:	4.32	.270	5.05	3.68	153	4.22	.211	4.72	3.67	153
250:	4.63	.273	5.37	3.98	153	4.97	.223	5.49	4.39	153
300:	5.23	.279	5.98	4.57	153	6.64	.249	7.19	6.03	153
400:	6.39	.294	7.11	5.68	148	10.61	.316	11.30	9.89	148
500:	7.35	.310	8.09	6.70	130	15.31	.404	16.16	14.46	130
600:	8.31	.322	9.05	7.65	130	20.66	.503	22.00	19.61	130
700:	9.20	.333	9.95	8.52	129	26.57	.615	28.19	25.32	129
800:	10.03	.343	10.79	9.33	129	32.97	.730	34.86	31.45	129
900:	10.82	.351	11.58	10.10	129	39.82	.835	41.91	38.07	129
1000:	11.57	.359	12.33	10.84	129	47.08	.951	49.42	45.09	129
1200:	12.98	.374	13.78	12.21	128	62.77	1.201	65.36	60.20	128
1500:	14.87	.397	15.68	14.03	103	86.71	1.612	92.12	85.17	103
2000:	17.78	.445	18.48	17.12	12	138.58	1.771	141.40	135.70	12
2500:	20.34	.510	20.96	19.68	7	196.23	2.202	199.53	193.20	7
3000:	22.67	.498	23.27	22.03	7	261.38	2.001	264.54	258.18	7
3500:	24.93	.470	25.49	24.33	7	336.34	2.816	339.96	331.26	7

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.62	.893	7.41	4.72	7	1481	10.3	1503	1466	153
10:	6.58	1.010	7.39	4.42	7	1481	10.3	1503	1466	153
20:	6.77	.837	7.40	4.99	7	1481	10.0	1503	1466	153
30:	6.86	.744	7.46	5.34	7	1479	8.6	1503	1466	153
50:	6.77	.926	7.54	4.78	7	1475	4.8	1493	1467	153
75:	6.87	.712	7.53	5.35	7	1473	3.2	1486	1467	153
100:	6.81	.573	7.43	5.69	7	1471	2.3	1483	1467	153
125:	5.83	.512	6.80	5.18	7	1470	1.8	1476	1466	153
150:	4.64	.633	5.62	3.78	7	1471	1.8	1477	1467	153
175:	3.98	.380	4.64	3.66	7	1471	1.8	1477	1467	153
200:	3.59	.289	4.10	3.31	7	1471	1.7	1476	1467	153
225:	3.17	.251	3.52	2.85	7	1470	1.6	1476	1468	153
250:	2.83	.217	3.18	2.46	7	1470	1.4	1475	1468	153
300:	2.37	.158	2.66	2.18	7	1470	1.1	1474	1468	153
400:	1.57	.102	1.75	1.41	7	1471	.6	1474	1470	148
500:	1.07	.121	1.31	.91	7	1472	.4	1474	1472	130
600:	.83	.151	1.13	.74	6	1473	.4	1475	1473	130
700:	.71	.113	.91	.60	6	1474	.4	1476	1474	129
800:	.63	.085	.76	.55	6	1475	.3	1477	1475	129
900:	.59	.064	.66	.50	6	1476	.3	1478	1476	129
1000:	.57	.040	.61	.52	6	1477	.2	1479	1477	129
1200:	.59	.038	.64	.53	6	1480	.1	1481	1480	128
1500:	.76	.055	.81	.68	5	1483	.3	1484	1483	103
2000:	1.33	.026	1.37	1.31	4	1490	.3	1491	1490	12
2500:	1.93	.053	2.00	1.88	4	1498	.0	1498	1498	7
3000:	2.59	.082	2.69	2.52	4	1506	.0	1506	1506	7
3500:	2.91	.049	2.94	2.85	3	1514	.0	1514	1514	7

STD PRESS	DELTA -DH MEAN	S.D.	MAX	MIN	N
0:	11.575	.3589	12.332	10.835	129
10:	11.306	.3285	11.968	10.584	129
20:	11.040	.3024	11.646	10.339	129
30:	10.778	.2818	11.394	10.115	129
50:	10.283	.2561	10.890	9.683	129
75:	9.701	.2413	10.261	9.173	129
100:	9.158	.2197	9.637	8.701	129
125:	8.675	.1900	9.107	8.267	129
150:	8.275	.1683	8.686	7.931	129
175:	7.925	.1576	8.319	7.605	129
200:	7.596	.1510	7.977	7.287	129
225:	7.279	.1450	7.648	6.985	129
250:	6.969	.1392	7.326	6.685	129
300:	6.372	.1268	6.710	6.092	129
400:	5.256	.1062	5.534	5.027	129
500:	4.226	.0842	4.442	4.036	129
600:	3.270	.0635	3.417	3.120	129
700:	2.378	.0447	2.480	2.277	129
800:	1.541	.0282	1.610	1.482	129
900:	.750	.0141	.789	.717	129
1000:	.000	.0000	.000	.000	129
1200:	-1.398	.0280	-1.328	-1.477	128
1500:	-3.290	.0630	-3.117	-3.428	103
2000:	-6.093	.0724	-5.963	-6.231	12
2500:	-8.615	.0818	-8.539	-8.771	7
3000:	-10.940	.0754	-10.858	-11.093	7
3500:	-13.202	.0928	-13.064	-13.369	7

Table 24. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, by months, for Station 12.

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STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	6.69	.597	8.11	5.86	12	32.596	.0980	32.750	32.498	12
10:	6.60	.603	8.10	5.86	12	32.594	.0969	32.760	32.494	12
20:	6.59	.605	8.10	5.86	12	32.597	.0977	32.763	32.493	12
30:	6.59	.607	8.09	5.86	12	32.598	.1003	32.777	32.492	12
50:	6.58	.611	8.08	5.85	12	32.596	.1020	32.770	32.490	12
75:	6.53	.636	8.07	5.81	12	32.607	.0977	32.781	32.500	12
100:	5.90	.787	7.80	4.79	12	32.782	.1883	33.087	32.500	12
125:	4.87	.515	5.91	4.25	12	33.290	.2077	33.582	33.000	12
150:	4.79	.445	5.48	4.06	12	33.642	.1099	33.810	33.465	12
175:	4.73	.439	5.65	4.08	12	33.767	.0667	33.840	33.613	12
200:	4.67	.440	5.63	3.95	12	33.807	.0581	33.900	33.683	12
225:	4.40	.424	5.46	3.83	12	33.827	.0522	33.920	33.727	12
250:	4.27	.386	5.27	3.76	12	33.852	.0474	33.920	33.768	12
300:	4.12	.263	4.76	3.73	12	33.904	.0337	33.960	33.823	12
400:	3.89	.163	4.21	3.65	11	34.011	.0289	34.066	33.970	11
500:	3.75	.121	3.97	3.56	10	34.111	.0319	34.153	34.040	10
600:	3.57	.092	3.76	3.45	10	34.187	.0283	34.231	34.134	10
700:	3.39	.083	3.57	3.30	10	34.253	.0217	34.283	34.213	10
800:	3.22	.070	3.36	3.14	10	34.305	.0159	34.323	34.280	10
900:	3.06	.051	3.13	2.98	10	34.349	.0188	34.381	34.320	10
1000:	2.91	.047	2.97	2.83	10	34.382	.0190	34.418	34.350	10
1200:	2.65	.038	2.70	2.58	9	34.444	.0203	34.482	34.410	9
1500:	2.32	.057	2.42	2.25	6	34.517	.0229	34.545	34.477	6
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.597	.1233	25.818	25.461	12	239.9	11.72	252.8	218.9	12
10:	25.600	.1231	25.826	25.462	12	239.7	11.70	252.8	218.3	12
20:	25.604	.1228	25.828	25.471	12	239.5	11.69	252.2	218.1	12
30:	25.605	.1247	25.839	25.475	12	239.5	11.69	252.0	217.2	12
50:	25.605	.1262	25.835	25.473	12	239.8	12.05	252.3	217.8	12
75:	25.620	.1277	25.849	25.481	12	238.6	12.20	251.9	216.8	12
100:	25.835	.2138	26.154	25.530	12	218.4	20.45	247.8	187.8	12
125:	26.358	.1637	26.628	26.087	12	168.8	15.52	194.7	143.1	12
150:	26.644	.0736	26.760	26.554	12	141.9	6.99	150.4	130.8	12
175:	26.751	.0459	26.829	26.676	12	132.0	4.40	139.2	124.5	12
200:	26.799	.0388	26.866	26.732	12	127.6	3.76	134.0	121.1	12
225:	26.834	.0370	26.891	26.761	12	124.5	3.62	131.5	119.0	12
250:	26.868	.0399	26.928	26.791	12	121.4	3.91	128.8	115.7	12
300:	26.925	.0370	26.978	26.846	12	116.4	3.64	124.0	111.3	12
400:	27.034	.0320	27.076	26.969	11	106.8	3.12	113.2	102.9	11
500:	27.127	.0327	27.158	27.049	10	98.7	3.20	106.3	95.5	10
600:	27.208	.0298	27.242	27.144	10	91.8	2.91	97.8	88.3	10
700:	27.276	.0238	27.302	27.227	10	85.7	2.37	90.6	83.1	10
800:	27.333	.0179	27.349	27.303	10	80.7	1.80	83.8	79.1	10
900:	27.383	.0181	27.409	27.355	10	76.3	1.79	79.1	74.0	10
1000:	27.423	.0173	27.450	27.392	10	73.0	1.70	76.0	70.4	10
1200:	27.495	.0172	27.524	27.469	9	66.7	1.62	69.6	64.1	9
1500:	27.581	.0144	27.595	27.555	6	59.2	1.18	61.3	58.2	6
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

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STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	6.64	.597	8.11	5.86	12	239.9	11.72	252.8	218.9	12
10:	6.60	.603	8.10	5.86	12	239.6	11.70	252.7	218.1	12
20:	6.59	.605	8.10	5.86	12	239.2	11.69	251.9	217.9	12
30:	6.59	.607	8.09	5.86	12	239.1	11.86	251.5	216.8	12
50:	6.58	.613	8.08	5.84	12	239.1	12.00	251.6	217.2	12
75:	6.52	.636	8.06	5.80	12	237.6	12.11	250.8	215.9	12
100:	5.89	.787	7.79	4.78	12	217.2	20.31	246.1	186.8	12
125:	4.86	.515	5.90	4.24	12	167.5	15.54	193.2	141.9	12
150:	4.78	.445	5.47	4.05	12	140.3	6.99	148.9	129.3	12
175:	4.71	.440	5.64	4.07	12	130.1	4.35	137.2	122.7	12
200:	4.56	.438	5.61	3.94	12	125.5	3.66	131.9	119.2	12
225:	4.39	.422	5.44	3.82	12	122.3	3.50	129.2	116.9	12
250:	4.25	.385	5.25	3.74	12	119.0	3.78	126.3	113.4	12
300:	4.10	.264	4.74	3.71	12	113.5	3.51	121.1	108.5	12
400:	3.86	.163	4.18	3.62	11	103.2	3.05	109.4	99.2	11
500:	3.72	.118	3.93	3.53	10	94.3	3.09	101.7	91.3	10
600:	3.53	.096	3.72	3.40	10	86.8	2.81	92.6	83.3	10
700:	3.34	.083	3.52	3.25	10	80.1	2.24	84.7	77.6	10
800:	3.17	.068	3.30	3.08	10	74.6	1.70	77.5	73.1	10
900:	2.99	.052	3.07	2.92	10	69.8	1.72	72.5	67.4	10
1000:	2.84	.047	2.90	2.76	10	66.0	1.67	69.0	63.4	10
1200:	2.56	.038	2.61	2.50	9	59.1	1.61	62.0	56.4	9
1500:	2.22	.053	2.31	2.15	6	50.8	1.36	53.3	49.5	6
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	12	.00	.000	.00	.00	12
10:	.24	.010	.25	.22	12	.01	.000	.01	.01	12
20:	.48	.023	.51	.44	12	.05	.003	.05	.04	12
30:	.72	.034	.76	.65	12	.11	.007	.12	.10	12
50:	1.20	.058	1.26	1.09	12	.31	.013	.32	.28	12
75:	1.80	.089	1.90	1.63	12	.69	.034	.73	.62	12
100:	2.38	.123	2.52	2.15	12	1.20	.066	1.29	1.08	12
125:	2.86	.155	3.08	2.57	12	1.76	.110	1.92	1.56	12
150:	3.25	.173	3.51	2.92	12	2.30	.141	2.52	2.05	12
175:	3.59	.162	3.86	3.25	12	2.86	.159	3.11	2.60	12
200:	3.91	.190	4.20	3.56	12	3.48	.177	3.75	3.18	12
225:	4.22	.200	4.53	3.86	12	4.16	.198	4.46	3.82	12
250:	4.53	.207	4.85	4.16	12	4.90	.217	5.24	4.54	12
300:	5.12	.218	5.47	4.74	12	6.57	.259	6.98	6.15	12
400:	6.21	.238	6.64	5.82	11	10.49	.331	11.15	9.96	11
500:	7.22	.271	7.73	6.82	10	15.18	.475	16.16	14.51	10
600:	8.18	.305	8.77	7.73	10	20.53	.668	22.00	19.72	10
700:	9.06	.327	9.71	8.59	10	26.39	.813	28.19	25.41	10
800:	9.89	.346	10.58	9.40	10	32.75	.963	34.86	31.63	10
900:	10.68	.358	11.38	10.17	10	39.53	1.066	41.76	38.26	10
1000:	11.42	.373	12.15	10.88	10	46.76	1.234	49.25	45.19	10
1200:	12.83	.411	13.54	12.24	9	62.43	1.527	64.86	60.38	9
1500:	14.58	.468	15.42	14.11	6	87.54	1.622	90.67	86.23	6
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

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STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	-----	N/A	-----		0	1474	2.3	1480	1472	12
10:	-----	N/A	-----		0	1474	2.2	1480	1472	12
20:	-----	N/A	-----		0	1474	2.5	1481	1472	12
30:	-----	N/A	-----		0	1474	2.5	1481	1472	12
50:	-----	N/A	-----		0	1475	2.4	1481	1472	12
75:	-----	N/A	-----		0	1475	2.3	1481	1473	12
100:	-----	N/A	-----		0	1473	3.1	1481	1469	12
125:	-----	N/A	-----		0	1470	2.3	1474	1467	12
150:	-----	N/A	-----		0	1470	2.0	1474	1468	12
175:	-----	N/A	-----		0	1471	2.0	1475	1468	12
200:	-----	N/A	-----		0	1470	1.8	1475	1468	12
225:	-----	N/A	-----		0	1470	1.9	1475	1468	12
250:	-----	N/A	-----		0	1470	1.8	1475	1468	12
300:	-----	N/A	-----		0	1470	1.1	1473	1469	12
400:	-----	N/A	-----		0	1471	.6	1473	1471	11
500:	-----	N/A	-----		0	1472	.6	1474	1472	10
600:	-----	N/A	-----		0	1473	.6	1475	1473	10
700:	-----	N/A	-----		0	1474	.5	1475	1474	10
800:	-----	N/A	-----		0	1475	.4	1476	1475	10
900:	-----	N/A	-----		0	1476	.5	1477	1476	10
1000:	-----	N/A	-----		0	1477	.3	1478	1477	10
1200:	-----	N/A	-----		0	1480	.0	1480	1480	9
1500:	-----	N/A	-----		0	1483	.4	1484	1483	6
2000:	-----	N/A	-----		0	-----	N/A	-----		0
2500:	-----	N/A	-----		0	-----	N/A	-----		0
3000:	-----	N/A	-----		0	-----	N/A	-----		0
3500:	-----	N/A	-----		0	-----	N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.425	.3728	12.151	10.885	10
10:	11.185	.3624	11.898	10.665	10
20:	10.947	.3519	11.646	10.448	10
30:	10.707	.3420	11.394	10.230	10
50:	10.229	.3227	10.890	9.796	10
75:	9.629	.2998	10.261	9.251	10
100:	9.064	.2617	9.627	8.738	10
125:	8.589	.2265	9.074	8.316	10
150:	8.207	.2087	8.644	7.967	10
175:	7.869	.2013	8.289	7.638	10
200:	7.547	.1940	7.951	7.325	10
225:	7.234	.1872	7.625	7.020	10
250:	6.928	.1799	7.303	6.727	10
300:	6.337	.1679	6.681	6.143	10
400:	5.228	.1400	5.512	5.064	10
500:	4.202	.1117	4.418	4.069	10
600:	3.247	.0781	3.377	3.151	10
700:	2.361	.0538	2.441	2.296	10
800:	1.530	.0342	1.587	1.482	10
900:	.747	.0195	.776	.717	10
1000:	.000	.0000	.000	.000	10
1200:	-1.393	.0289	-1.353	-1.444	9
1500:	-3.241	.0323	-3.204	-3.286	6
2000:	-----	N/A	-----		0
2500:	-----	N/A	-----		0
3000:	-----	N/A	-----		0
3500:	-----	N/A	-----		0

FEBRUARY

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	5.73	.664	6.95	4.50	8	32.666	.0667	32.752	32.600	8
10:	5.69	.674	6.95	4.50	8	32.659	.0577	32.735	32.600	8
20:	5.69	.674	6.95	4.50	8	32.658	.0564	32.730	32.600	8
30:	5.69	.676	6.96	4.50	8	32.658	.0565	32.730	32.600	8
50:	5.69	.681	6.96	4.50	8	32.660	.0557	32.730	32.600	8
75:	5.65	.702	6.96	4.50	8	32.699	.1426	33.027	32.600	8
100:	5.57	.744	6.96	4.50	8	32.761	.2862	33.453	32.610	8
125:	5.20	.520	5.93	4.49	8	33.118	.3226	33.784	32.785	8
150:	4.91	.554	6.07	4.21	8	33.573	.1244	33.808	33.420	8
175:	4.83	.481	5.83	4.22	8	33.738	.0722	33.835	33.604	8
200:	4.67	.415	5.53	4.11	8	33.794	.0565	33.870	33.680	8
225:	4.46	.408	5.33	3.94	8	33.825	.0394	33.880	33.747	8
250:	4.32	.341	5.00	3.88	8	33.848	.0305	33.890	33.784	8
300:	4.13	.261	4.59	3.77	8	33.890	.0111	33.909	33.869	8
400:	3.88	.141	4.11	3.66	8	33.994	.0249	34.027	33.950	8
500:	3.76	.121	4.00	3.58	8	34.095	.0182	34.113	34.060	8
600:	3.59	.104	3.80	3.46	8	34.176	.0203	34.198	34.140	8
700:	3.39	.068	3.52	3.33	8	34.238	.0193	34.259	34.210	8
800:	3.23	.060	3.33	3.13	8	34.290	.0159	34.312	34.268	8
900:	3.08	.052	3.18	3.00	8	34.333	.0127	34.348	34.316	8
1000:	2.92	.044	2.98	2.84	8	34.373	.0084	34.381	34.361	8
1200:	2.64	.059	2.72	2.54	8	34.437	.0066	34.447	34.426	8
1500:	2.35	.035	2.41	2.30	7	34.503	.0088	34.517	34.490	7
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.765	.0940	25.853	25.585	8	223.9	8.96	241.1	215.5	8
10:	25.765	.0943	25.859	25.585	8	224.0	9.01	241.2	215.0	8
20:	25.763	.0935	25.854	25.584	8	224.3	8.92	241.4	215.6	8
30:	25.763	.0937	25.854	25.583	8	224.4	8.93	241.6	215.8	8
50:	25.765	.0947	25.862	25.583	8	224.4	9.05	241.8	215.2	8
75:	25.800	.1485	26.075	25.583	8	221.3	14.17	242.2	195.3	8
100:	25.859	.2695	26.475	25.591	8	216.0	25.66	241.8	157.5	8
125:	26.185	.2604	26.718	25.937	8	185.3	24.71	208.9	134.8	8
150:	26.576	.0937	26.764	26.488	8	148.4	8.92	156.8	130.6	8
175:	26.716	.0430	26.800	26.676	8	135.4	4.14	139.6	127.4	8
200:	26.779	.0355	26.846	26.741	8	129.6	3.45	133.6	123.1	8
225:	26.826	.0323	26.878	26.772	8	125.2	3.19	130.8	120.3	8
250:	26.859	.0244	26.898	26.819	8	122.3	2.46	126.5	118.5	8
300:	26.913	.0265	26.982	26.864	8	117.5	2.46	122.4	114.6	8
400:	27.021	.0264	27.047	26.963	8	108.0	2.56	113.6	105.5	8
500:	27.113	.0246	27.139	27.062	8	99.9	2.43	105.0	97.3	8
600:	27.195	.0238	27.221	27.145	8	92.8	2.36	97.8	90.2	8
700:	27.263	.0205	27.284	27.229	8	86.9	2.02	90.3	84.9	8
800:	27.320	.0158	27.337	27.294	8	81.9	1.57	84.6	80.3	8
900:	27.368	.0126	27.380	27.345	8	77.8	1.24	80.1	76.7	8
1000:	27.414	.0082	27.423	27.401	8	73.7	.82	75.0	72.8	8
1200:	27.490	.0097	27.507	27.475	8	67.1	1.09	68.8	65.2	8
1500:	27.568	.0085	27.579	27.552	7	60.5	.88	62.1	59.4	7
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

FEBRUARY

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	5.73	.664	6.95	4.50	8	223.9	8.96	241.1	215.5	8
10:	5.69	.674	6.95	4.50	8	223.9	8.98	241.0	214.9	8
20:	5.69	.674	6.95	4.50	8	224.0	8.89	241.1	215.4	8
30:	5.69	.676	6.96	4.50	8	224.0	8.89	241.1	215.4	8
50:	5.68	.680	6.96	4.50	8	223.8	8.99	241.1	214.6	8
75:	5.64	.702	6.95	4.49	8	220.5	14.09	241.1	198.4	8
100:	5.56	.744	6.95	4.49	8	214.9	25.59	240.3	156.4	8
125:	5.19	.520	5.92	4.48	8	183.9	24.75	207.5	133.3	8
150:	4.90	.554	6.06	4.20	8	146.7	8.90	155.1	128.9	8
175:	4.82	.481	5.82	4.21	8	133.5	4.07	137.2	125.5	8
200:	4.65	.412	5.51	4.10	8	127.5	3.36	131.1	121.1	8
225:	4.44	.407	5.31	3.92	8	123.0	3.02	128.0	118.1	8
250:	4.31	.339	4.98	3.87	8	119.8	2.32	123.7	116.2	8
300:	4.10	.260	4.57	3.75	8	114.7	2.30	119.3	112.0	8
400:	3.86	.139	4.08	3.64	8	104.4	2.50	109.9	101.9	8
500:	3.73	.118	3.96	3.55	8	95.6	2.32	100.4	93.2	8
600:	3.55	.106	3.76	3.41	8	87.8	2.26	92.5	85.3	8
700:	3.34	.068	3.47	3.28	8	81.3	1.92	84.5	79.4	8
800:	3.17	.057	3.27	3.08	8	75.8	1.49	78.3	74.2	8
900:	3.01	.052	3.12	2.94	8	71.2	1.19	73.4	70.1	8
1000:	2.85	.047	2.92	2.77	8	66.8	.75	68.0	66.0	8
1200:	2.56	.059	2.64	2.46	8	59.6	.90	61.0	58.0	8
1500:	2.24	.034	2.30	2.19	7	52.1	.79	53.5	51.0	7
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A ----			0		----- N/A -----			0

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	8	.00	.000	.00	.00	8
10:	.23	.007	.24	.22	8	.01	.000	.01	.01	8
20:	.45	.018	.48	.43	8	.04	.005	.05	.04	8
30:	.67	.026	.72	.65	8	.10	.005	.11	.10	8
50:	1.12	.044	1.21	1.08	8	.29	.010	.31	.28	8
75:	1.68	.069	1.81	1.61	8	.64	.026	.69	.61	8
100:	2.23	.113	2.42	2.05	8	1.13	.070	1.23	1.00	8
125:	2.74	.169	2.95	2.41	8	1.71	.140	1.84	1.41	8
150:	3.15	.200	3.37	2.75	8	2.29	.191	2.43	1.88	8
175:	3.50	.217	3.73	3.07	8	2.88	.219	3.04	2.41	8
200:	3.84	.228	4.08	3.38	8	3.51	.234	3.69	3.01	8
225:	4.15	.234	4.41	3.68	8	4.19	.246	4.40	3.67	8
250:	4.46	.240	4.73	3.98	8	4.94	.260	5.18	4.39	8
300:	5.06	.246	5.34	4.57	8	6.63	.284	6.91	6.04	8
400:	6.18	.262	6.52	5.68	8	10.62	.342	11.09	9.98	8
500:	7.22	.279	7.61	6.70	8	15.38	.427	16.10	14.68	8
600:	8.18	.297	8.64	7.67	8	20.79	.548	21.84	20.08	8
700:	9.08	.313	9.57	8.55	8	26.73	.666	28.04	25.96	8
800:	9.92	.329	10.45	9.38	8	33.17	.808	34.77	32.25	8
900:	10.73	.339	11.28	10.18	8	40.11	.905	41.91	39.16	8
1000:	11.48	.346	12.05	10.93	8	47.44	1.001	49.42	46.47	8
1200:	12.89	.361	13.47	12.32	8	63.22	1.208	65.36	61.97	8
1500:	14.87	.306	15.39	14.50	7	89.53	1.224	91.68	88.11	7
2000:		----- N/A -----			0		----- N/A -----			0
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

FEBRUARY

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	6.83	-----	N/A -----		1	1471	2.7	1476	1466	8
10:	6.86	-----	N/A -----		1	1471	2.7	1476	1466	8
20:	6.93	-----	N/A -----		1	1471	2.7	1476	1466	8
30:	6.93	-----	N/A -----		1	1471	2.7	1476	1466	8
50:	6.88	-----	N/A -----		1	1471	2.8	1477	1467	8
75:	6.86	-----	N/A -----		1	1471	2.8	1477	1467	8
100:	6.80	-----	N/A -----		1	1471	2.9	1477	1467	8
125:	5.98	-----	N/A -----		1	1471	2.3	1475	1468	8
150:	4.64	-----	N/A -----		1	1470	2.4	1476	1468	8
175:	3.91	-----	N/A -----		1	1471	2.1	1476	1469	8
200:	3.48	-----	N/A -----		1	1471	1.8	1475	1469	8
225:	3.07	-----	N/A -----		1	1471	1.8	1475	1469	8
250:	2.85	-----	N/A -----		1	1470	1.6	1474	1469	8
300:	2.40	-----	N/A -----		1	1470	1.2	1473	1469	8
400:	1.54	-----	N/A -----		1	1471	.5	1472	1471	8
500:	1.01	-----	N/A -----		1	1472	.6	1474	1472	8
600:	.74	-----	N/A -----		1	1473	.6	1475	1473	8
700:	.77	-----	N/A -----		1	1474	.5	1475	1474	8
800:	.76	-----	N/A -----		1	1475	.4	1476	1475	8
900:	.66	-----	N/A -----		1	1476	.4	1477	1476	8
1000:	.61	-----	N/A -----		1	1477	.4	1478	1477	8
1200:	.64	-----	N/A -----		1	1480	.0	1480	1480	6
1500:		-----	N/A -----		0	1484	.0	1484	1484	7
2000:		-----	N/A -----		0		-----	N/A -----		0
2500:		-----	N/A -----		0		-----	N/A -----		0
3000:		-----	N/A -----		0		-----	N/A -----		0
3500:		-----	N/A -----		0		-----	N/A -----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.484	.3466	12.054	10.931	8
10:	11.259	.3388	11.813	10.714	8
20:	11.034	.3307	11.571	10.496	8
30:	10.809	.3231	11.330	10.278	8
50:	10.359	.3075	10.846	9.842	8
75:	9.800	.2826	10.241	9.320	8
100:	9.256	.2389	9.637	8.879	8
125:	8.748	.1913	9.107	8.517	8
150:	8.332	.1692	8.686	8.185	8
175:	7.979	.1588	8.319	7.863	8
200:	7.648	.1514	7.977	7.538	8
225:	7.332	.1469	7.648	7.218	8
250:	7.022	.1410	7.326	6.908	8
300:	6.423	.1328	6.710	6.309	8
400:	5.301	.1123	5.534	5.191	8
500:	4.263	.0905	4.442	4.173	8
600:	3.297	.0640	3.417	3.235	8
700:	2.400	.0426	2.480	2.360	8
800:	1.557	.0239	1.599	1.535	8
900:	.757	.0113	.775	.744	8
1000:	.000	.0000	.000	.000	8
1200:	-1.407	.0217	-1.384	-1.452	8
1500:	-3.310	.0227	-3.276	-3.334	7
2000:		-----	N/A -----		0
2500:		-----	N/A -----		0
3000:		-----	N/A -----		0
3500:		-----	N/A -----		0

MARCH

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	5.75	.432	6.80	4.70	12
10:	5.79	.441	6.87	5.05	12
20:	5.79	.539	6.87	5.05	12
30:	5.79	.539	6.87	5.05	12
50:	5.77	.528	6.58	5.06	12
75:	5.71	.482	6.45	5.06	12
100:	5.52	.333	6.18	5.05	12
125:	5.30	.352	6.14	4.98	12
150:	5.17	.501	6.22	4.68	12
175:	4.98	.504	6.03	4.63	12
200:	4.79	.501	5.78	4.31	12
225:	4.63	.489	5.58	4.19	12
250:	4.45	.430	5.30	3.96	12
300:	4.23	.310	4.83	3.78	12
400:	3.98	.192	4.38	3.75	12
500:	3.79	.094	3.99	3.65	11
600:	3.61	.088	3.82	3.47	11
700:	3.43	.082	3.57	3.31	11
800:	3.24	.056	3.33	3.15	11
900:	3.08	.043	3.15	3.00	11
1000:	2.93	.035	2.98	2.87	11
1200:	2.67	.028	2.71	2.63	11
1500:	2.35	.033	2.40	2.32	6
2000:	1.94	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.662	.0810	32.760	32.540	12
32.659	.0814	32.755	32.540	12
32.661	.0837	32.760	32.540	12
32.663	.0834	32.760	32.540	12
32.667	.0858	32.770	32.530	12
32.679	.0812	32.850	32.540	12
32.882	.2880	33.520	32.640	12
33.366	.3648	33.750	32.720	12
33.672	.1841	33.820	33.192	12
33.776	.0939	33.890	33.602	12
33.818	.0836	33.910	33.663	12
33.843	.0899	33.910	33.715	12
33.865	.0810	33.930	33.761	12
33.908	.0286	33.930	33.831	12
34.020	.0323	34.072	33.974	12
34.112	.0313	34.159	34.061	11
34.190	.0261	34.225	34.147	11
34.253	.0229	34.285	34.220	11
34.304	.0172	34.332	34.282	11
34.346	.0186	34.368	34.314	11
34.384	.0148	34.404	34.360	11
34.443	.0191	34.470	34.410	11
34.510	.0189	34.530	34.479	6
34.601	----- N/A -----			1
	----- N/A -----			0
	----- N/A -----			0
	----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.759	.1081	25.885	25.571	12
10:	25.753	.1010	25.838	25.574	12
20:	25.755	.1018	25.836	25.574	12
30:	25.757	.1013	25.835	25.574	12
50:	25.762	.0995	25.849	25.564	12
75:	25.778	.1036	25.933	25.579	12
100:	25.962	.2376	26.492	25.708	12
125:	26.369	.2874	26.694	25.859	12
150:	26.625	.1318	26.746	26.303	12
175:	26.729	.0698	26.804	26.600	12
200:	26.784	.0482	26.839	26.701	12
225:	26.821	.0422	26.873	26.766	12
250:	26.858	.0336	26.899	26.799	12
300:	26.918	.0308	26.952	26.862	12
400:	27.032	.0363	27.090	26.957	12
500:	27.124	.0328	27.175	27.070	11
600:	27.204	.0274	27.245	27.160	11
700:	27.272	.0236	27.307	27.232	11
800:	27.330	.0174	27.361	27.305	11
900:	27.379	.0166	27.404	27.354	11
1000:	27.423	.0132	27.444	27.403	11
1200:	27.493	.0162	27.515	27.467	11
1500:	27.573	.0160	27.587	27.544	6
2000:	27.679	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

MEAN	S.D.	MAX	MIN	N
229.4	10.27	242.3	212.5	12
225.2	9.60	242.2	217.1	12
225.1	9.70	242.3	217.4	12
225.0	9.64	242.4	217.6	12
224.7	9.53	243.7	216.4	12
223.5	9.91	242.5	208.7	12
206.3	22.54	230.5	156.0	12
167.8	27.21	216.2	137.0	12
143.9	12.47	174.2	132.4	12
134.2	6.69	146.4	126.9	12
129.2	4.69	136.8	123.7	12
125.8	4.18	131.5	120.7	12
122.5	3.37	128.6	118.4	12
117.1	3.07	122.8	113.8	12
107.1	3.75	114.4	101.4	12
98.9	3.18	104.2	94.0	11
92.0	2.71	96.5	87.9	11
86.1	2.33	90.1	82.6	11
81.0	1.71	83.5	78.0	11
76.8	1.61	79.1	74.3	11
73.0	1.30	74.9	70.8	11
66.9	1.54	69.5	64.8	11
60.0	1.51	62.8	58.8	6
50.6	----- N/A -----			1
	----- N/A -----			0
	----- N/A -----			0
	----- N/A -----			0

MARCH

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	5.75	.632	6.80	4.70	12	224.4	10.27	242.3	212.5	12
10:	5.79	.541	6.67	5.05	12	225.0	9.60	242.1	216.9	12
20:	5.79	.538	6.67	5.05	12	224.8	9.67	242.0	217.2	12
30:	5.78	.539	6.66	5.05	12	224.6	9.61	242.0	217.2	12
50:	5.77	.529	6.58	5.05	12	224.1	9.46	243.0	215.9	12
75:	5.70	.483	6.44	5.05	12	222.6	9.83	241.5	207.9	12
100:	5.51	.333	6.17	5.04	12	205.1	22.57	229.3	154.8	12
125:	5.29	.352	6.13	4.97	12	166.4	27.30	214.9	135.5	12
150:	5.16	.502	6.21	4.66	12	142.1	12.50	172.7	130.7	12
175:	4.97	.501	6.01	4.51	12	132.2	6.65	144.5	125.1	12
200:	4.78	.499	5.76	4.30	12	127.0	4.56	134.9	121.8	12
225:	4.61	.490	5.56	4.17	12	123.5	4.00	128.6	118.5	12
250:	4.43	.430	5.28	3.94	12	119.9	3.18	125.5	116.0	12
300:	4.20	.309	4.80	3.76	12	114.3	2.91	119.5	111.0	12
400:	3.95	.192	4.35	3.72	12	103.4	3.60	110.4	97.9	12
500:	3.75	.092	3.95	3.62	11	98.6	3.11	99.7	89.7	11
600:	3.57	.087	3.77	3.43	11	86.9	2.58	91.1	83.1	11
700:	3.38	.082	3.52	3.26	11	80.4	2.23	84.2	77.1	11
800:	3.18	.056	3.27	3.09	11	74.9	1.64	77.2	72.0	11
900:	3.01	.043	3.08	2.93	11	70.2	1.58	72.6	67.9	11
1000:	2.86	.035	2.91	2.80	11	66.0	1.26	67.9	64.0	11
1200:	2.59	.029	2.63	2.55	11	59.3	1.54	61.8	57.2	11
1500:	2.25	.034	2.30	2.22	6	51.6	1.50	54.3	50.3	6
2000:	1.80	----- N/A -----			1	41.3	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	12	.00	.000	.00	.00	12
10:	.23	.009	.24	.22	12	.01	.000	.01	.01	12
20:	.45	.019	.46	.43	12	.05	.005	.05	.04	12
30:	.68	.030	.73	.65	12	.10	.005	.11	.10	12
50:	1.12	.046	1.21	1.09	12	.29	.011	.31	.28	12
75:	1.69	.070	1.82	1.63	12	.64	.027	.70	.62	12
100:	2.23	.101	2.42	2.08	12	1.12	.054	1.23	1.03	12
125:	2.69	.136	2.89	2.45	12	1.66	.108	1.80	1.44	12
150:	3.08	.171	3.36	2.78	12	2.20	.166	2.46	1.91	12
175:	3.43	.189	3.76	3.11	12	2.78	.198	3.12	2.45	12
200:	3.76	.197	4.10	3.43	12	3.40	.216	3.77	3.06	12
225:	4.07	.208	4.43	3.73	12	4.09	.240	4.48	3.72	12
250:	4.38	.215	4.74	4.04	12	4.84	.258	5.24	4.45	12
300:	4.98	.221	5.34	4.64	12	6.53	.279	6.92	6.16	12
400:	6.10	.243	6.46	5.72	12	10.50	.371	10.90	10.01	12
500:	7.11	.268	7.48	6.75	11	15.18	.505	15.89	14.58	11
600:	8.06	.285	8.43	7.70	11	20.52	.634	21.48	19.69	11
700:	8.95	.302	9.33	8.56	11	26.41	.778	27.65	25.35	11
800:	9.79	.316	10.21	9.38	11	32.79	.929	34.33	31.45	11
900:	10.57	.323	11.01	10.16	11	39.63	1.031	41.30	38.07	11
1000:	11.32	.331	11.78	10.89	11	46.87	1.145	48.71	45.09	11
1200:	12.72	.345	13.19	12.27	11	62.51	1.420	64.58	60.27	11
1500:	14.50	.389	14.98	14.14	6	88.12	1.984	91.42	85.68	6
2000:	17.72	----- N/A -----			1	137.64	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

MARCH

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:		----- N/A	-----		0	1470	2.4	1475	1467	12
10:		----- N/A	-----		0	1471	2.3	1475	1468	12
20:		----- N/A	-----		0	1471	2.2	1475	1468	12
30:		----- N/A	-----		0	1471	2.0	1475	1469	12
50:		----- N/A	-----		0	1471	2.2	1475	1469	12
75:		----- N/A	-----		0	1472	2.0	1475	1469	12
100:		----- N/A	-----		0	1472	1.2	1474	1470	12
125:		----- N/A	-----		0	1472	1.7	1476	1470	12
150:		----- N/A	-----		0	1472	2.1	1477	1470	12
175:		----- N/A	-----		0	1472	2.2	1477	1470	12
200:		----- N/A	-----		0	1471	2.2	1476	1470	12
225:		----- N/A	-----		0	1471	2.2	1476	1470	12
250:		----- N/A	-----		0	1471	1.9	1475	1469	12
300:		----- N/A	-----		0	1471	1.4	1474	1469	12
400:		----- N/A	-----		0	1472	.9	1474	1471	12
500:		----- N/A	-----		0	1473	.4	1474	1472	11
600:		----- N/A	-----		0	1474	.4	1475	1473	11
700:		----- N/A	-----		0	1474	.3	1475	1474	11
800:		----- N/A	-----		0	1475	.3	1476	1475	11
900:		----- N/A	-----		0	1476	.3	1477	1476	11
1000:		----- N/A	-----		0	1478	.0	1478	1476	11
1200:		----- N/A	-----		0	1480	.0	1480	1480	11
1500:		----- N/A	-----		0	1484	.0	1484	1484	6
2000:		----- N/A	-----		0	1491	----- N/A	-----		1
2500:		----- N/A	-----		0		----- N/A	-----		0
3000:		----- N/A	---		0		----- N/A	-----		0
3500:		----- N/A	-----		0		----- N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.323	.3297	11.777	10.895	11
10:	11.098	.3233	11.543	10.674	11
20:	10.872	.3172	11.309	10.454	11
30:	10.647	.3160	11.075	10.240	11
50:	10.196	.2983	10.606	9.806	11
75:	9.634	.2854	10.022	9.264	11
100:	9.095	.2684	9.456	8.744	11
125:	8.636	.2399	8.985	8.287	11
150:	8.253	.2159	8.593	7.931	11
175:	7.908	.2025	8.234	7.605	11
200:	7.582	.1951	7.899	7.287	11
225:	7.266	.1844	7.566	6.985	11
250:	6.956	.1772	7.244	6.685	11
300:	6.355	.1608	6.614	6.092	11
400:	5.244	.1361	5.467	5.027	11
500:	4.214	.1003	4.375	4.051	11
600:	3.241	.0734	3.377	3.142	11
700:	2.312	.0490	2.444	2.287	11
800:	1.437	.0290	1.577	1.489	11
900:	.748	.0152	.773	.724	11
1000:	.000	.0000	.000	.000	11
1200:	-1.395	.0268	-1.355	-1.453	11
1500:	-3.291	.0774	-3.201	-3.428	6
2000:	-6.029	----- N/A	-----		1
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

APRIL

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	5.66	.566	6.80	4.92	13	32.656	.0964	32.792	32.493	13
10:	5.65	.557	6.82	4.91	13	32.658	.0858	32.786	32.538	13
20:	5.63	.549	6.81	4.85	13	32.658	.0871	32.789	32.538	13
30:	5.56	.562	6.80	4.82	13	32.661	.0889	32.813	32.536	13
50:	5.48	.579	6.73	4.77	13	32.664	.0892	32.820	32.535	13
75:	5.36	.553	6.37	4.58	13	32.670	.0881	32.820	32.536	13
100:	5.12	.516	6.13	4.34	13	32.707	.1075	32.911	32.546	13
125:	4.93	.467	5.79	4.28	13	32.997	.1984	33.320	32.679	13
150:	4.87	.390	5.60	4.22	13	33.501	.1679	33.748	33.195	13
175:	4.72	.426	5.45	4.08	13	33.692	.0916	33.824	33.535	13
200:	4.55	.394	5.10	3.96	13	33.764	.0561	33.850	33.678	13
225:	4.34	.345	4.83	3.83	13	33.792	.0442	33.862	33.713	13
250:	4.18	.305	4.61	3.68	13	33.826	.0394	33.876	33.744	13
300:	4.00	.219	4.29	3.60	13	33.883	.0335	33.925	33.814	13
400:	3.83	.138	4.08	3.63	13	34.006	.0231	34.036	33.961	13
500:	3.72	.098	3.90	3.57	10	34.107	.0240	34.145	34.060	10
600:	3.56	.081	3.73	3.46	10	34.181	.0220	34.210	34.140	10
700:	3.39	.075	3.55	3.32	10	34.245	.0230	34.277	34.208	10
800:	3.23	.057	3.33	3.17	10	34.300	.0199	34.338	34.274	10
900:	3.07	.052	3.15	3.01	10	34.344	.0176	34.370	34.314	10
1000:	2.92	.046	2.99	2.86	10	34.380	.0151	34.401	34.359	10
1200:	2.66	.032	2.71	2.62	10	34.443	.0165	34.469	34.419	10
1500:	2.34	.026	2.39	2.30	9	34.509	.0125	34.530	34.488	9
2000:	1.95	.021	1.97	1.94	2	34.590	.0079	34.596	34.584	2
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.766	.1295	25.928	25.497	13	223.9	12.31	249.4	208.4	13
10:	25.769	.1171	25.931	25.562	13	223.6	11.15	243.4	208.3	13
20:	25.771	.1139	25.933	25.574	13	223.5	10.83	242.3	208.1	13
30:	25.782	.1172	25.967	25.582	13	222.6	11.17	241.7	205.0	13
50:	25.793	.1195	25.974	25.587	13	221.8	11.42	241.5	204.5	13
75:	25.812	.1146	25.981	25.615	13	220.2	10.94	239.0	204.1	13
100:	25.869	.1226	26.044	25.625	13	215.0	11.71	238.3	198.3	13
125:	26.120	.1527	26.339	25.866	13	191.4	14.49	215.7	170.6	13
150:	26.525	.1206	26.707	26.297	13	153.2	11.39	174.7	136.0	13
175:	26.692	.0533	26.768	26.578	13	137.6	5.03	148.3	130.4	13
200:	26.768	.0250	26.809	26.728	13	130.6	2.42	134.6	126.6	13
225:	26.813	.0243	26.849	26.774	13	126.4	2.37	130.3	123.5	13
250:	26.856	.0247	26.906	26.823	13	122.4	2.41	125.9	117.5	13
300:	26.922	.0237	26.960	26.891	13	116.6	2.29	119.7	112.8	13
400:	27.036	.0239	27.078	26.990	13	106.5	2.33	111.1	102.4	13
500:	27.127	.0271	27.160	27.072	10	98.6	2.67	104.0	95.4	10
600:	27.202	.0244	27.229	27.152	10	92.2	2.40	97.1	89.5	10
700:	27.269	.0235	27.301	27.224	10	86.3	2.30	90.8	83.2	10
800:	27.329	.0191	27.364	27.298	10	81.1	1.86	84.2	77.8	10
900:	27.378	.0171	27.402	27.350	10	76.8	1.68	79.5	74.5	10
1000:	27.420	.0145	27.439	27.397	10	73.2	1.43	75.5	71.4	10
1200:	27.494	.0154	27.516	27.469	10	66.8	1.48	69.2	64.7	10
1500:	27.573	.0114	27.591	27.553	9	59.9	1.13	62.0	58.3	9
2000:	27.668	.0079	27.674	27.663	2	51.6	.78	52.2	51.1	2
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

APRIL

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	5.66	.566	6.80	4.92	13	223.9	12.31	249.4	208.4	13
10:	5.65	.557	6.82	4.91	13	223.5	11.14	243.2	208.2	13
20:	5.63	.549	6.81	4.85	13	223.3	10.83	242.0	207.9	13
30:	5.55	.561	6.79	4.82	13	222.2	11.14	241.3	204.7	13
50:	5.48	.580	6.73	4.77	13	221.3	11.37	240.8	204.0	13
75:	5.35	.554	6.37	4.57	13	219.4	10.88	238.1	203.3	13
100:	5.11	.516	6.12	4.34	13	214.0	11.64	237.1	197.3	13
125:	4.92	.467	5.78	4.27	13	190.1	14.52	214.2	169.3	13
150:	4.66	.390	5.59	4.21	13	151.6	11.45	173.2	134.3	13
175:	4.71	.425	5.43	4.07	13	135.7	5.06	146.6	128.6	13
200:	4.54	.393	5.09	3.95	13	128.5	2.37	132.3	124.6	13
225:	4.33	.345	4.81	3.81	13	124.3	2.29	127.9	121.3	13
250:	4.16	.304	4.59	3.66	13	120.1	2.34	123.3	115.4	13
300:	3.97	.220	4.27	3.58	13	113.9	2.25	116.8	110.2	13
400:	3.80	.137	4.05	3.60	13	103.0	2.26	107.3	99.0	13
500:	3.69	.097	3.86	3.54	10	94.3	2.57	99.5	91.1	10
600:	3.52	.082	3.69	3.42	10	87.2	2.30	91.9	84.6	10
700:	3.36	.075	3.50	3.27	10	80.7	2.22	85.0	77.7	10
800:	3.17	.058	3.28	3.11	10	75.0	1.80	77.9	71.7	10
900:	3.01	.052	3.09	2.95	10	70.3	1.62	72.9	68.0	10
1000:	2.85	.047	2.93	2.79	10	66.3	1.38	68.4	64.5	10
1200:	2.57	.033	2.63	2.54	10	59.2	1.43	61.5	57.1	10
1500:	2.24	.023	2.28	2.20	9	51.6	1.09	53.5	49.9	9
2000:	1.81	.021	1.83	1.80	2	42.3	.71	42.8	41.8	2
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	DELTA U MEAN	DELTA U S.D.	DELTA U MAX	DELTA U MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	13	.00	.000	.00	.00	13
10:	.22	.013	.25	.21	13	.01	.000	.01	.01	13
20:	.45	.023	.49	.42	13	.05	.005	.05	.04	13
30:	.67	.034	.73	.62	13	.10	.005	.11	.10	13
50:	1.12	.055	1.21	1.03	13	.28	.014	.31	.26	13
75:	1.67	.084	1.82	1.54	13	.64	.032	.69	.59	13
100:	2.21	.107	2.39	2.05	13	1.12	.053	1.22	1.04	13
125:	2.73	.124	2.96	2.56	13	1.71	.081	1.87	1.62	13
150:	3.15	.137	3.36	2.93	13	2.31	.106	2.49	2.15	13
175:	3.52	.144	3.74	3.27	13	2.91	.130	3.12	2.70	13
200:	3.85	.150	4.09	3.59	13	3.55	.143	3.78	3.31	13
225:	4.17	.152	4.41	3.90	13	4.24	.148	4.47	3.99	13
250:	4.48	.153	4.72	4.21	13	4.99	.157	5.24	4.73	13
300:	5.08	.161	5.35	4.80	13	6.67	.184	6.99	6.39	13
400:	6.19	.170	6.46	5.90	13	10.63	.230	10.96	10.32	13
500:	7.19	.203	7.53	6.90	10	15.28	.327	15.86	14.91	10
600:	8.15	.222	8.53	7.84	10	20.63	.464	21.48	20.13	10
700:	9.04	.236	9.47	8.72	10	26.55	.604	27.72	25.88	10
800:	9.88	.250	10.35	9.54	10	32.94	.743	34.42	32.04	10
900:	10.67	.260	11.16	10.32	10	39.77	.870	41.45	38.62	10
1000:	11.42	.268	11.93	11.06	10	47.04	.998	48.92	45.72	10
1200:	12.81	.286	13.36	12.44	10	62.64	1.306	64.95	60.87	10
1500:	14.65	.249	15.03	14.33	9	88.44	1.569	91.57	86.37	9
2000:	17.37	.361	17.63	17.12	2	137.45	2.475	139.20	135.70	2
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

APRIL

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:		-----	N/A -----		0	1470	2.3	1475	1467	13
10:		-----	N/A -----		0	1470	2.1	1475	1468	13
20:		-----	N/A -----		0	1470	2.2	1475	1467	13
30:		-----	N/A -----		0	1470	2.3	1476	1468	13
50:		-----	N/A -----		0	1470	2.3	1476	1468	13
75:		-----	N/A -----		0	1470	2.4	1475	1467	13
100:		-----	N/A -----		0	1470	2.0	1474	1467	13
125:		-----	N/A -----		0	1469	2.1	1474	1467	13
150:		-----	N/A -----		0	1470	1.8	1474	1468	13
175:		-----	N/A -----		0	1470	2.0	1474	1468	13
200:		-----	N/A -----		0	1470	1.7	1473	1468	13
225:		-----	N/A -----		0	1470	1.5	1472	1468	13
250:		-----	N/A -----		0	1470	1.2	1472	1468	13
300:		-----	N/A -----		0	1470	1.0	1471	1468	13
400:		-----	N/A -----		0	1471	.6	1472	1470	13
500:		-----	N/A -----		0	1472	.4	1473	1472	10
600:		-----	N/A -----		0	1473	.4	1474	1473	10
700:		-----	N/A -----		0	1474	.5	1475	1474	10
800:		-----	N/A -----		0	1475	.3	1476	1475	10
900:		-----	N/A -----		0	1477	.0	1477	1477	10
1000:		-----	N/A -----		0	1478	.0	1478	1478	10
1200:		-----	N/A -----		0	1480	.0	1480	1480	10
1500:		-----	N/A -----		0	1484	.0	1484	1484	9
2000:		-----	N/A -----		0	1491	.0	1491	1491	2
2500:		-----	N/A -----		0		-----	N/A -----		0
3000:		-----	N/A -----		0		-----	N/A -----		0
3500:		-----	N/A -----		0		-----	N/A -----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.419	.2687	11.933	11.061	10
10:	11.195	.2599	11.701	10.852	10
20:	10.972	.2512	11.469	10.644	10
30:	10.748	.2426	11.236	10.437	10
50:	10.305	.2287	10.771	10.028	10
75:	9.750	.2120	10.190	9.517	10
100:	9.207	.1983	9.607	9.004	10
125:	8.691	.1868	9.040	8.486	10
150:	8.273	.1712	8.568	8.047	10
175:	7.916	.1644	8.190	7.683	10
200:	7.583	.1583	7.845	7.350	10
225:	7.264	.1561	7.527	7.032	10
250:	6.954	.1516	7.210	6.732	10
300:	6.357	.1375	6.587	6.161	10
400:	5.246	.1221	5.475	5.088	10
500:	4.223	.0990	4.406	4.094	10
600:	3.269	.0738	3.401	3.168	10
700:	2.376	.0533	2.460	2.299	10
800:	1.539	.0323	1.588	1.493	10
900:	.751	.0149	.774	.732	10
1000:	.000	.0000	.000	.000	10
1200:	-1.392	.0318	-1.342	-1.439	10
1500:	-3.284	.0636	-3.210	-3.415	9
2000:	-6.041	.1110	-5.963	-6.120	2
2500:		-----	N/A -----		0
3000:		-----	N/A -----		0
3500:		-----	N/A -----		0

MAY

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	6.86	.519	7.70	6.04	26	32.654	.0927	32.867	32.510	26
10:	6.74	.537	7.70	5.76	26	32.649	.0841	32.811	32.510	26
20:	6.64	.603	7.69	5.65	26	32.641	.0945	32.816	32.441	26
30:	6.54	.598	7.51	5.49	26	32.652	.0814	32.819	32.514	26
50:	6.18	.589	7.12	5.07	26	32.659	.0810	32.809	32.520	26
75:	5.75	.575	6.78	4.88	26	32.673	.0855	32.851	32.540	26
100:	5.35	.472	6.66	4.63	26	32.780	.1935	33.330	32.592	26
125:	4.99	.358	6.14	4.25	26	33.138	.3512	33.710	32.655	26
150:	4.89	.311	5.30	4.34	26	33.521	.2264	33.810	33.048	26
175:	4.80	.329	5.20	4.19	26	33.708	.1126	33.827	33.417	26
200:	4.62	.344	5.10	4.01	26	33.781	.0645	33.850	33.625	26
225:	4.44	.335	4.97	3.86	26	33.816	.0511	33.876	33.671	26
250:	4.27	.309	4.76	3.73	26	33.847	.0469	33.900	33.711	26
300:	4.07	.240	4.46	3.69	26	33.903	.0445	34.010	33.776	26
400:	3.87	.150	4.14	3.55	26	34.018	.0376	34.129	33.934	26
500:	3.75	.089	3.96	3.58	21	34.107	.0232	34.157	34.072	21
600:	3.58	.082	3.80	3.46	21	34.186	.0209	34.217	34.140	21
700:	3.41	.076	3.63	3.27	21	34.249	.0172	34.277	34.210	21
800:	3.23	.061	3.44	3.12	21	34.301	.0142	34.327	34.270	21
900:	3.06	.057	3.27	2.98	21	34.345	.0153	34.367	34.302	21
1000:	2.91	.054	3.10	2.82	21	34.383	.0133	34.400	34.350	21
1200:	2.65	.059	2.85	2.54	21	34.442	.0148	34.464	34.410	21
1500:	2.33	.042	2.39	2.21	18	34.506	.0191	34.539	34.462	18
2000:	1.92	----- N/A -----			1	34.590	----- N/A -----			1
2500:	1.77	----- N/A -----			1	34.620	----- N/A -----			1
3000:	1.59	----- N/A -----			1	34.653	----- N/A -----			1
3500:	1.38	----- N/A -----			1	34.666	----- N/A -----			1

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.614	.1194	25.812	25.408	26	238.3	11.35	257.9	219.5	26
10:	25.626	.1229	25.812	25.407	26	237.3	11.68	258.1	219.6	26
20:	25.632	.1354	25.828	25.409	26	236.7	12.89	258.0	218.2	26
30:	25.654	.1242	25.850	25.437	26	234.9	11.83	255.5	216.2	26
50:	25.705	.1154	25.875	25.494	26	230.2	11.02	250.3	214.0	26
75:	25.769	.1128	25.971	25.542	26	224.3	10.79	246.1	205.1	26
100:	25.901	.1661	26.311	25.623	26	212.0	15.81	238.7	173.1	26
125:	26.225	.2678	26.646	25.826	26	181.4	25.35	219.6	141.6	26
150:	26.539	.1637	26.743	26.179	26	151.9	15.45	185.9	132.6	26
175:	26.696	.0867	26.799	26.460	26	137.2	8.23	159.6	127.4	26
200:	26.774	.0456	26.849	26.656	26	130.0	4.35	141.1	122.8	26
225:	26.821	.0378	26.883	26.734	26	125.7	3.66	133.9	119.8	26
250:	26.864	.0363	26.960	26.799	26	121.8	3.50	127.7	112.5	26
300:	26.930	.0371	27.053	26.865	26	115.9	3.58	121.8	104.0	26
400:	27.041	.0332	27.146	26.992	26	106.1	3.20	110.5	96.0	26
500:	27.124	.0220	27.170	27.090	21	99.0	2.13	102.2	94.5	21
600:	27.203	.0187	27.234	27.168	21	92.0	1.81	95.3	89.0	21
700:	27.270	.0155	27.300	27.240	21	86.2	1.50	89.0	83.3	21
800:	27.329	.0125	27.352	27.301	21	81.1	1.22	83.8	78.9	21
900:	27.379	.0115	27.396	27.348	21	76.7	1.09	79.5	74.9	21
1000:	27.423	.0103	27.437	27.402	21	72.9	.99	74.8	71.6	21
1200:	27.493	.0117	27.509	27.470	21	66.8	1.13	68.9	65.4	21
1500:	27.571	.0170	27.601	27.531	18	60.1	1.65	64.0	57.2	18
2000:	27.672	----- N/A -----			1	51.2	----- N/A -----			1
2500:	27.707	----- N/A -----			1	49.0	----- N/A -----			1
3000:	27.747	----- N/A -----			1	45.7	----- N/A -----			1
3500:	27.773	----- N/A -----			1	43.0	----- N/A -----			1

MAY

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	6.86	.519	7.70	6.04	26	238.3	11.35	257.9	219.5	26
10:	6.74	.537	7.70	5.76	26	237.1	11.68	258.0	219.5	26
20:	6.64	.604	7.69	5.65	26	236.5	12.86	257.7	217.9	26
30:	6.54	.597	7.51	5.49	26	234.5	11.61	255.1	215.8	26
50:	6.18	.588	7.12	5.07	26	229.6	10.96	249.6	213.4	26
75:	5.74	.575	6.77	4.87	26	223.5	10.72	245.1	204.3	26
100:	5.34	.472	6.65	4.62	26	210.9	15.79	237.3	171.9	26
125:	4.98	.358	6.13	4.24	26	180.1	25.44	218.0	140.1	26
150:	4.88	.311	5.29	4.33	26	150.3	15.54	184.4	130.9	26
175:	4.79	.328	5.19	4.18	26	135.3	8.24	157.8	125.6	26
200:	4.60	.345	5.08	3.99	26	127.9	4.32	139.1	120.8	26
225:	4.42	.335	4.96	3.84	26	123.5	3.60	131.8	117.6	26
250:	4.25	.309	4.75	3.71	26	119.4	3.44	125.6	110.3	26
300:	4.05	.239	4.44	3.67	26	113.1	3.53	119.3	101.4	26
400:	3.84	.149	4.11	3.52	26	102.5	3.15	107.2	92.5	26
500:	3.72	.086	3.92	3.55	21	94.6	2.08	97.8	90.2	21
600:	3.54	.082	3.76	3.42	21	87.0	1.77	90.4	84.1	21
700:	3.36	.076	3.58	3.22	21	80.6	1.46	83.5	77.8	21
800:	3.18	.059	3.38	3.07	21	75.0	1.20	77.7	72.8	21
900:	3.00	.056	3.20	2.92	21	70.2	1.10	73.2	68.4	21
1000:	2.84	.054	3.03	2.75	21	66.0	.96	68.0	64.7	21
1200:	2.57	.057	2.76	2.46	21	59.3	1.11	61.5	57.8	21
1500:	2.23	.042	2.29	2.11	18	51.7	1.59	55.5	49.0	18
2000:	1.78	-----	N/A	-----	1	42.1	-----	N/A	-----	1
2500:	1.59	-----	N/A	-----	1	38.4	-----	N/A	-----	1
3000:	1.37	-----	N/A	-----	1	34.4	-----	N/A	-----	1
3500:	1.11	-----	N/A	-----	1	31.7	-----	N/A	-----	1

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	26	.00	.000	.00	.00	26
10:	.24	.012	.26	.22	26	.01	.000	.01	.01	26
20:	.48	.025	.52	.44	26	.05	.003	.05	.04	26
30:	.71	.035	.78	.66	26	.11	.007	.12	.10	26
50:	1.18	.056	1.27	1.10	26	.30	.014	.32	.28	26
75:	1.75	.080	1.88	1.63	26	.66	.029	.72	.62	26
100:	2.29	.106	2.44	2.13	26	1.15	.054	1.24	1.07	26
125:	2.78	.139	3.03	2.58	26	1.71	.102	1.92	1.56	26
150:	3.20	.175	3.50	2.94	26	2.29	.161	2.57	2.05	26
175:	3.56	.196	3.87	3.27	26	2.89	.201	3.18	2.58	26
200:	3.89	.206	4.22	3.59	26	3.53	.225	3.89	3.18	26
225:	4.21	.212	4.55	3.90	26	4.21	.240	4.63	3.85	26
250:	4.52	.217	4.86	4.20	26	4.96	.253	5.42	4.58	26
300:	5.12	.225	5.48	4.78	26	6.63	.268	7.17	6.17	26
400:	6.22	.240	6.61	5.87	26	10.57	.362	11.30	10.04	26
500:	7.22	.264	7.67	6.88	21	15.27	.457	16.00	14.63	21
600:	8.17	.279	8.64	7.82	21	20.59	.517	21.41	19.83	21
700:	9.06	.287	9.55	8.69	21	26.49	.615	27.42	25.54	21
800:	9.89	.296	10.40	9.51	21	32.87	.697	33.91	31.73	21
900:	10.68	.302	11.19	10.29	21	39.70	.776	40.97	38.40	21
1000:	11.43	.304	11.94	11.04	21	46.93	.838	48.33	45.52	21
1200:	12.82	.312	13.37	12.40	21	62.52	.947	64.10	60.95	21
1500:	14.71	.328	15.36	14.29	18	88.63	1.430	91.45	86.74	18
2000:	17.17	-----	N/A	-----	1	137.16	-----	N/A	-----	1
2500:	19.68	-----	N/A	-----	1	194.81	-----	N/A	-----	1
3000:	22.03	-----	N/A	-----	1	260.70	-----	N/A	-----	1
3500:	24.39	-----	N/A	-----	1	339.00	-----	N/A	-----	1

MAY

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	7.33	.113	7.41	7.25	2	1475	2.1	1479	1472	26
10:	7.38	.007	7.39	7.38	2	1475	2.2	1479	1471	26
20:	7.39	.014	7.40	7.38	2	1474	2.4	1479	1471	26
30:	7.43	.035	7.46	7.41	2	1474	2.3	1478	1470	26
50:	7.43	.156	7.54	7.32	2	1473	2.3	1477	1469	26
75:	7.39	.191	7.53	7.26	2	1472	2.4	1476	1469	26
100:	7.23	.276	7.43	7.04	2	1471	1.9	1476	1468	26
125:	6.99	1.146	6.80	5.18	2	1470	1.7	1475	1467	26
150:	5.01	.863	5.62	4.40	2	1471	1.5	1473	1468	26
175:	4.17	.658	4.64	3.71	2	1471	1.4	1473	1469	26
200:	3.77	.460	4.10	3.45	2	1471	1.4	1473	1466	26
225:	3.22	.361	3.48	2.97	2	1470	1.4	1473	1468	26
250:	2.84	.127	2.93	2.75	2	1470	1.4	1473	1468	26
300:	2.29	.106	2.37	2.22	2	1470	1.1	1472	1469	26
400:	1.66	.120	1.75	1.58	2	1471	.7	1473	1470	26
500:	1.18	.184	1.31	1.05	2	1472	.5	1474	1472	21
600:	.96	.240	1.13	.79	2	1473	.4	1475	1473	21
700:	.78	.177	.91	.66	2	1474	.4	1476	1474	21
800:	.64	.106	.72	.57	2	1476	.3	1477	1475	21
900:	.60	.085	.66	.54	2	1476	.4	1478	1476	21
1000:	.56	.057	.60	.52	2	1478	.3	1479	1477	21
1200:	.57	.057	.61	.53	2	1480	.2	1481	1480	21
1500:	.74	.092	.81	.68	2	1483	.2	1484	1483	18
2000:	1.37	----- N/A	-----		1	1490	----- N/A	-----		1
2500:	1.88	----- N/A	-----		1	1498	----- N/A	-----		1
3000:	2.52	----- N/A	-----		1	1506	----- N/A	-----		1
3500:		----- N/A	---		0	1514	----- N/A	-----		1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.427	.3054	11.942	11.035	21
10:	11.191	.2982	11.691	10.799	21
20:	10.955	.2901	11.439	10.569	21
30:	10.721	.2831	11.187	10.338	21
50:	10.256	.2685	10.683	9.894	21
75:	9.687	.2583	10.085	9.325	21
100:	9.147	.2361	9.499	8.812	21
125:	8.660	.1927	8.940	8.381	21
150:	8.254	.1531	8.484	8.019	21
175:	7.901	.1354	8.118	7.682	21
200:	7.571	.1280	7.776	7.357	21
225:	7.255	.1231	7.463	7.040	21
250:	6.946	.1176	7.146	6.732	21
300:	6.351	.1061	6.535	6.144	21
400:	5.243	.0861	5.397	5.075	21
500:	4.209	.0635	4.331	4.094	21
600:	3.261	.0487	3.368	3.176	21
700:	2.370	.0331	2.450	2.314	21
800:	1.535	.0210	1.584	1.503	21
900:	.747	.0092	.764	.733	21
1000:	.000	.0000	.000	.000	21
1200:	-1.390	.0237	-1.335	-1.443	21
1500:	-3.289	.0619	-3.207	-3.420	18
2000:	-6.027	----- N/A	-----		1
2500:	-8.540	----- N/A	-----		1
3000:	-10.892	----- N/A	-----		1
3500:	-13.248	----- N/A	-----		1

JUNE

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	8.99	.689	10.50	8.05	21
10:	8.82	.711	10.23	7.85	21
20:	8.52	.932	10.17	6.88	21
30:	7.92	1.094	9.85	6.09	21
50:	6.66	.656	7.76	5.46	21
75:	5.85	.697	6.89	4.65	21
100:	5.24	.482	6.20	4.49	21
125:	4.91	.394	5.36	4.09	21
150:	4.99	.364	5.50	4.22	21
175:	4.95	.356	5.81	4.32	21
200:	4.73	.333	5.63	4.09	21
225:	4.55	.300	5.28	3.94	21
250:	4.40	.268	4.98	3.87	21
300:	4.17	.189	4.51	3.77	21
400:	3.95	.065	4.05	3.78	20
500:	3.78	.052	3.86	3.68	20
600:	3.59	.054	3.68	3.49	20
700:	3.41	.051	3.51	3.34	20
800:	3.23	.045	3.31	3.15	20
900:	3.07	.042	3.14	2.97	20
1000:	2.92	.038	2.98	2.82	20
1200:	2.65	.035	2.73	2.56	20
1500:	2.34	.042	2.40	2.27	16
2000:	1.94	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.614	.0913	32.790	32.466	21
10:	32.617	.0955	32.790	32.466	21
20:	32.624	.1001	32.780	32.441	21
30:	32.630	.1007	32.790	32.447	21
50:	32.659	.0913	32.830	32.494	21
75:	32.709	.0959	32.862	32.564	21
100:	32.868	.2221	33.368	32.660	21
125:	33.223	.3314	33.700	32.723	21
150:	33.587	.1883	33.822	33.260	21
175:	33.745	.0874	33.850	33.530	21
200:	33.798	.0533	33.860	33.650	21
225:	33.828	.0389	33.890	33.727	21
250:	33.851	.0350	33.900	33.772	21
300:	33.898	.0270	33.960	33.855	21
400:	34.013	.0266	34.064	33.978	20
500:	34.109	.0224	34.156	34.076	20
600:	34.182	.0200	34.222	34.140	20
700:	34.246	.0202	34.290	34.209	20
800:	34.298	.0164	34.326	34.261	20
900:	34.343	.0134	34.366	34.321	20
1000:	34.379	.0129	34.406	34.360	20
1200:	34.441	.0147	34.465	34.415	20
1500:	34.508	.0181	34.535	34.470	16
2000:	34.630	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	25.274	.1461	25.502	24.916	21
10:	25.302	.1523	25.496	24.973	21
20:	25.352	.1929	25.712	24.977	21
30:	25.443	.2159	25.821	25.026	21
50:	25.643	.1319	25.928	25.366	21
75:	25.765	.1334	26.027	25.576	21
100:	25.982	.1911	26.428	25.719	21
125:	26.301	.2438	26.698	25.983	21
150:	26.580	.1438	26.787	26.315	21
175:	26.709	.0713	26.827	26.542	21
200:	26.775	.0411	26.854	26.718	21
225:	26.819	.0330	26.886	26.767	21
250:	26.854	.0323	26.916	26.808	21
300:	26.915	.0277	26.979	26.874	21
400:	27.030	.0240	27.077	26.992	20
500:	27.123	.0199	27.163	27.094	20
600:	27.200	.0167	27.238	27.169	20
700:	27.268	.0187	27.310	27.239	20
800:	27.326	.0156	27.355	27.300	20
900:	27.377	.0135	27.400	27.357	20
1000:	27.420	.0128	27.444	27.404	20
1200:	27.492	.0132	27.513	27.471	20
1500:	27.572	.0151	27.593	27.545	16
2000:	27.702	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	270.6	13.89	304.0	248.9	21
10:	268.1	14.50	299.4	249.7	21
20:	263.5	18.36	299.2	229.2	21
30:	255.0	20.59	294.7	218.9	21
50:	236.1	12.60	262.6	208.9	21
75:	222.8	12.78	242.9	199.6	21
100:	204.2	18.17	229.5	161.9	21
125:	174.2	23.04	204.1	136.6	21
150:	148.1	13.62	173.2	128.9	21
175:	136.1	6.79	151.9	124.8	21
200:	130.0	3.95	135.8	122.4	21
225:	126.0	3.21	131.3	119.6	21
250:	122.8	3.14	127.5	116.9	21
300:	117.4	2.71	121.5	111.2	21
400:	107.2	2.31	110.9	102.6	20
500:	99.0	1.91	101.9	95.2	20
600:	92.4	1.79	95.2	88.7	20
700:	86.4	1.82	89.2	82.4	20
800:	81.4	1.52	83.7	78.5	20
900:	76.9	1.34	79.0	74.7	20
1000:	73.3	1.26	74.8	70.8	20
1200:	66.9	1.27	68.9	64.9	20
1500:	60.1	1.43	62.3	58.1	16
2000:	48.6	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JUNE

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	8.99	.689	10.50	8.05	21	270.6	13.89	304.6	248.9	21
10:	8.82	.711	10.23	7.85	21	267.9	14.49	299.2	249.5	21
20:	8.52	.933	10.17	6.88	21	263.2	18.33	298.8	229.0	21
30:	7.92	1.094	9.85	6.09	21	254.5	20.53	294.1	218.5	21
50:	6.66	.656	7.76	5.46	21	235.4	12.54	261.8	208.3	21
75:	5.84	.698	6.89	4.69	21	222.0	12.67	241.8	198.9	21
100:	5.23	.681	6.19	4.47	21	203.2	18.14	228.2	160.9	21
125:	4.90	.391	5.37	4.09	21	172.9	23.14	203.1	135.3	21
150:	4.98	.364	5.49	4.21	21	146.4	13.65	171.5	126.7	21
175:	4.94	.357	5.80	4.30	21	134.1	6.75	150.0	123.0	21
200:	4.72	.330	5.61	4.08	21	127.8	3.90	133.3	120.4	21
225:	4.53	.300	5.26	3.92	21	123.7	3.11	128.6	117.4	21
250:	4.38	.268	4.96	3.85	21	120.3	3.04	124.6	114.5	21
300:	4.15	.187	4.48	3.75	21	114.5	2.63	118.4	108.4	21
400:	3.92	.064	4.02	3.76	20	103.6	2.27	107.2	99.1	20
500:	3.74	.053	3.82	3.60	20	94.7	1.89	97.4	90.8	20
600:	3.55	.055	3.64	3.44	20	87.4	1.77	90.3	83.7	20
700:	3.36	.051	3.46	3.29	20	80.8	1.77	83.6	76.9	20
800:	3.18	.046	3.26	3.09	20	75.3	1.48	77.8	72.5	20
900:	3.01	.041	3.07	2.91	20	70.4	1.28	72.3	68.3	20
1000:	2.85	.038	2.91	2.75	20	66.3	1.21	67.8	64.0	20
1200:	2.57	.035	2.65	2.48	20	59.3	1.23	61.4	57.4	20
1500:	2.24	.040	2.30	2.17	16	51.7	1.41	54.2	49.7	16
2000:	1.81	----- N/A -----			1	39.2	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	21	.00	.000	.00	.00	21
10:	.27	.013	.30	.25	21	.01	.002	.02	.01	21
20:	.54	.030	.60	.50	21	.05	.005	.06	.05	21
30:	.80	.048	.90	.72	21	.12	.009	.14	.11	21
50:	1.29	.077	1.46	1.15	21	.32	.020	.36	.28	21
75:	1.86	.102	2.07	1.66	21	.69	.037	.76	.61	21
100:	2.39	.135	2.65	2.13	21	1.16	.067	1.27	1.03	21
125:	2.87	.163	3.12	2.52	21	1.70	.110	1.86	1.46	21
150:	3.27	.193	3.55	2.85	21	2.27	.163	2.49	1.93	21
175:	3.62	.213	3.94	3.17	21	2.85	.202	3.16	2.46	21
200:	3.96	.222	4.29	3.49	21	3.49	.222	3.84	3.06	21
225:	4.27	.228	4.63	3.78	21	4.17	.236	4.54	3.71	21
250:	4.59	.231	4.95	4.08	21	4.93	.250	5.30	4.42	21
300:	5.19	.242	5.57	4.65	21	6.61	.282	7.03	6.03	21
400:	6.30	.265	6.72	5.73	20	10.61	.360	11.13	9.89	20
500:	7.33	.282	7.77	6.73	20	15.32	.451	15.93	14.46	20
600:	8.29	.295	8.74	7.65	20	20.68	.532	21.36	19.61	20
700:	9.18	.308	9.64	8.52	20	26.60	.631	27.44	25.32	20
800:	10.02	.320	10.48	9.33	20	33.01	.734	34.02	31.47	20
900:	10.81	.331	11.28	10.10	20	39.87	.849	41.06	38.10	20
1000:	11.56	.341	12.04	10.84	20	47.13	.952	48.50	45.21	20
1200:	12.96	.369	13.46	12.21	20	62.82	1.230	64.39	60.20	20
1500:	14.83	.433	15.37	14.03	16	88.61	1.789	90.87	85.42	16
2000:	18.11	----- N/A -----			1	138.99	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

JUNE

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.94	----- N/A -----			1	1483	2.6	1489	1480	21
10:	6.85	----- N/A -----			1	1483	2.7	1488	1479	21
20:	6.85	----- N/A -----			1	1482	3.4	1488	1476	21
30:	6.86	----- N/A -----			1	1479	4.2	1487	1473	21
50:	6.92	----- N/A -----			1	1475	2.6	1480	1471	21
75:	6.89	----- N/A -----			1	1472	2.9	1477	1466	21
100:	6.69	----- N/A -----			1	1470	1.9	1474	1467	21
125:	6.01	----- N/A -----			1	1470	1.9	1473	1466	21
150:	5.33	----- N/A -----			1	1471	1.7	1474	1468	21
175:	4.38	----- N/A -----			1	1472	1.5	1476	1469	21
200:	3.90	----- N/A -----			1	1471	1.4	1475	1469	21
225:	3.52	----- N/A -----			1	1471	1.3	1474	1469	21
250:	3.18	----- N/A -----			1	1471	1.1	1474	1469	21
300:	2.42	----- N/A -----			1	1470	.9	1472	1469	21
400:	1.60	----- N/A -----			1	1471	.3	1472	1471	20
500:	1.09	----- N/A -----			1	1472	.2	1473	1472	20
600:		----- N/A -----			0	1473	.3	1474	1473	20
700:		----- N/A -----			0	1475	.0	1475	1475	20
800:		----- N/A -----			0	1475	.4	1476	1475	20
900:		----- N/A -----			0	1476	.2	1477	1476	20
1000:		----- N/A -----			0	1477	.2	1478	1477	20
1200:		----- N/A -----			0	1480	.0	1480	1480	20
1500:		----- N/A -----			0	1483	.3	1484	1483	16
2000:		----- N/A -----			0	1491	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.560	.3417	12.040	10.835	20
10:	11.291	.3346	11.755	10.584	20
20:	11.045	.3265	11.473	10.339	20
30:	10.765	.3151	11.193	10.115	20
50:	10.274	.2934	10.665	9.683	20
75:	9.699	.2752	10.054	9.173	20
100:	9.170	.2482	9.478	8.701	20
125:	8.697	.2045	8.958	8.287	20
150:	8.298	.1692	8.518	7.932	20
175:	7.944	.1501	8.132	7.615	20
200:	7.611	.1414	7.791	7.297	20
225:	7.295	.1335	7.472	7.002	20
250:	6.984	.1270	7.159	6.701	20
300:	6.383	.1150	6.546	6.129	20
400:	5.259	.0940	5.399	5.060	20
500:	4.230	.0743	4.338	4.082	20
600:	3.275	.0584	3.358	3.157	20
700:	2.360	.0413	2.442	2.304	20
800:	1.542	.0262	1.581	1.499	20
900:	.750	.0121	.769	.729	20
1000:	.000	.0000	.000	.000	20
1200:	-1.398	.0290	-1.332	-1.438	20
1500:	-3.277	.0676	-3.165	-3.396	16
2000:	-6.069	----- N/A -----			1
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

TEMPERATURE

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.23	1.558	13.25	9.77	6
10:	10.89	1.430	13.14	9.59	6
20:	10.67	1.226	12.35	9.55	6
30:	9.17	1.262	11.45	8.19	6
50:	7.44	.528	8.33	6.96	6
75:	6.20	.490	6.81	5.61	6
100:	5.60	.313	6.08	5.28	6
125:	4.99	.270	5.24	4.54	6
150:	4.87	.326	5.25	4.30	6
175:	4.70	.391	5.15	4.11	6
200:	4.50	.415	4.97	3.93	6
225:	4.32	.382	4.81	3.85	6
250:	4.18	.363	4.63	3.78	6
300:	3.96	.279	4.31	3.67	6
400:	3.81	.168	4.00	3.63	6
500:	3.82	.020	3.84	3.80	3
600:	3.65	.025	3.67	3.62	3
700:	3.43	.020	3.45	3.41	3
800:	3.23	.029	3.25	3.20	3
900:	3.06	.026	3.08	3.03	3
1000:	2.91	.038	2.94	2.87	3
1200:	2.65	.038	2.68	2.61	3
1500:	2.32	.044	2.35	2.27	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A ---			0

SALINITY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	32.520	.1145	32.660	32.390	6
10:	32.529	.0930	32.660	32.440	6
20:	32.547	.0752	32.660	32.474	6
30:	32.576	.0805	32.690	32.468	6
50:	32.620	.0861	32.760	32.493	6
75:	32.650	.0898	32.810	32.551	6
100:	32.750	.1135	32.940	32.670	6
125:	33.166	.2962	33.510	32.753	6
150:	33.486	.2362	33.735	33.125	6
175:	33.670	.1464	33.836	33.465	6
200:	33.756	.0869	33.860	33.649	6
225:	33.784	.0719	33.870	33.689	6
250:	33.816	.0696	33.898	33.725	6
300:	33.869	.0617	33.940	33.772	6
400:	33.993	.0472	34.043	33.925	6
500:	34.095	.0311	34.122	34.061	3
600:	34.171	.0306	34.204	34.144	3
700:	34.250	.0305	34.280	34.219	3
800:	34.292	.0197	34.310	34.271	3
900:	34.337	.0177	34.353	34.318	3
1000:	34.375	.0129	34.390	34.366	3
1200:	34.427	.0174	34.446	34.412	3
1500:	34.493	.0146	34.510	34.484	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SIGMA T

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	24.818	.2926	25.095	24.347	6
10:	24.887	.2443	25.124	24.577	6
20:	24.943	.2035	25.131	24.654	6
30:	25.212	.2562	25.457	24.782	6
50:	25.509	.1371	25.665	25.282	6
75:	25.697	.0971	25.821	25.572	6
100:	25.848	.0851	26.005	25.757	6
125:	26.246	.2370	26.490	25.923	6
150:	26.513	.1750	26.695	26.244	6
175:	26.677	.0908	26.794	26.533	6
200:	26.767	.0473	26.841	26.717	6
225:	26.808	.0428	26.872	26.762	6
250:	26.849	.0439	26.910	26.802	6
300:	26.913	.0374	26.959	26.866	6
400:	27.028	.0332	27.074	26.992	6
500:	27.108	.0274	27.132	27.078	3
600:	27.185	.0259	27.214	27.164	3
700:	27.269	.0250	27.295	27.245	3
800:	27.321	.0130	27.334	27.308	3
900:	27.373	.0116	27.384	27.361	3
1000:	27.417	.0100	27.427	27.407	3
1200:	27.481	.0140	27.495	27.467	3
1500:	27.562	.0101	27.573	27.553	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	314.0	27.82	358.8	287.7	6
10:	307.6	23.27	337.2	285.1	6
20:	302.5	19.43	330.1	284.6	6
30:	276.9	24.48	318.1	253.6	6
50:	248.9	13.10	270.6	234.1	6
75:	231.3	9.25	243.2	219.5	6
100:	217.1	8.05	225.7	202.2	6
125:	179.4	22.44	210.0	156.4	6
150:	154.3	16.55	179.8	137.2	6
175:	139.0	8.49	152.5	128.0	6
200:	130.6	4.42	135.2	123.7	6
225:	126.8	4.06	131.1	120.9	6
250:	123.2	4.18	127.4	117.4	6
300:	117.3	3.51	121.6	113.1	6
400:	107.2	5.14	110.5	102.7	6
500:	100.6	2.60	103.4	98.3	3
600:	93.9	2.48	95.9	91.1	3
700:	86.4	2.41	88.7	83.9	3
800:	81.8	1.20	83.0	80.6	3
900:	77.3	1.01	78.4	76.4	3
1000:	73.5	.90	74.4	72.6	3
1200:	68.0	1.26	69.3	66.8	3
1500:	60.9	1.00	61.9	59.9	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

THETA

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.23	1.558	13.25	9.77	6
10:	10.89	1.430	13.14	9.59	6
20:	10.66	1.227	12.35	9.55	6
30:	9.17	1.263	11.45	8.19	6
50:	7.43	.530	8.33	6.95	6
75:	6.19	.490	6.80	5.60	6
100:	5.59	.311	6.07	5.27	6
125:	4.99	.272	5.24	4.53	6
150:	4.66	.326	5.24	4.29	6
175:	4.69	.394	5.14	4.09	6
200:	4.49	.417	4.96	3.91	6
225:	4.30	.382	4.79	3.83	6
250:	4.16	.363	4.61	3.77	6
300:	3.94	.282	4.29	3.65	6
400:	3.78	.171	3.98	3.60	6
500:	3.78	.025	3.81	3.76	3
600:	3.61	.025	3.63	3.58	3
700:	3.38	.020	3.40	3.36	3
800:	3.18	.032	3.20	3.14	3
900:	3.00	.026	3.02	2.97	3
1000:	2.84	.038	2.87	2.80	3
1200:	2.57	.038	2.60	2.53	3
1500:	2.22	.044	2.25	2.17	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

SVA (THETA)

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	314.0	27.82	358.8	287.7	6
10:	307.4	23.24	336.9	284.9	6
20:	302.1	19.38	329.6	284.2	6
30:	276.4	24.40	317.4	253.1	6
50:	248.1	13.04	269.7	233.3	6
75:	230.3	9.23	242.2	218.5	6
100:	215.9	8.09	224.6	201.0	6
125:	178.0	22.48	208.7	154.9	6
150:	152.7	16.61	178.3	135.5	6
175:	137.2	8.62	150.8	126.0	6
200:	128.6	4.48	133.4	121.6	6
225:	124.7	4.04	129.1	118.7	6
250:	120.8	4.18	125.3	115.0	6
300:	114.7	3.55	119.2	110.3	6
400:	103.8	3.16	107.2	99.4	6
500:	96.1	2.59	98.9	93.8	3
600:	88.8	2.48	90.8	86.0	3
700:	80.7	2.41	83.0	78.2	3
800:	75.7	1.25	77.0	74.5	3
900:	70.8	1.11	72.0	69.8	3
1000:	66.6	.95	67.5	65.6	3
1200:	60.4	1.30	61.7	59.1	3
1500:	52.6	1.03	53.5	51.5	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

DELTA D

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	6
10:	.31	.026	.35	.29	6
20:	.62	.049	.68	.57	6
30:	.91	.061	1.00	.85	6
50:	1.43	.081	1.57	1.34	6
75:	2.03	.093	2.18	1.92	6
100:	2.59	.111	2.78	2.48	6
125:	3.09	.105	3.27	3.00	6
150:	3.50	.110	3.66	3.38	6
175:	3.87	.126	4.01	3.71	6
200:	4.21	.133	4.36	4.01	6
225:	4.53	.141	4.69	4.33	6
250:	4.84	.143	5.01	4.63	6
300:	5.44	.157	5.64	5.20	6
400:	6.56	.182	6.80	6.29	6
500:	7.52	.205	7.72	7.31	3
600:	8.49	.226	8.70	8.25	3
700:	9.38	.240	9.59	9.12	3
800:	10.23	.262	10.45	9.94	3
900:	11.03	.255	11.23	10.74	3
1000:	11.78	.271	12.00	11.48	3
1200:	13.20	.268	13.42	12.90	3
1500:	15.10	.319	15.37	14.75	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

POT. ENERGY

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	6
10:	.02	.005	.02	.01	6
20:	.06	.005	.07	.06	6
30:	.14	.008	.15	.13	6
50:	.35	.019	.38	.33	6
75:	.73	.028	.77	.70	6
100:	1.23	.056	1.30	1.16	6
125:	1.80	.064	1.87	1.69	6
150:	2.38	.110	2.53	2.23	6
175:	2.99	.157	3.22	2.78	6
200:	3.63	.179	3.90	3.39	6
225:	4.33	.202	4.62	4.04	6
250:	5.08	.217	5.39	4.76	6
300:	6.77	.265	7.15	6.37	6
400:	10.74	.365	11.27	10.23	6
500:	15.32	.372	15.61	14.90	3
600:	20.77	.521	21.20	20.19	3
700:	26.71	.679	27.30	25.97	3
800:	33.16	.840	33.86	32.23	3
900:	40.05	.859	40.83	39.13	3
1000:	47.35	.969	48.19	46.29	3
1200:	63.28	.926	63.99	62.23	3
1500:	89.47	1.478	90.34	87.76	3
2000:		----- N/A -----			0
2500:		----- N/A -----			0
3000:		----- N/A -----			0
3500:		----- N/A -----			0

JULY

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:		----- N/A	-----		0	1491	5.3	1498	1486	6
10:		----- N/A	-----		0	1490	5.1	1499	1486	6
20:		----- N/A	-----		0	1489	4.4	1496	1486	6
30:		----- N/A	-----		0	1484	4.5	1493	1481	6
50:		----- N/A	-----		0	1478	2.0	1482	1477	6
75:		----- N/A	-----		0	1474	1.8	1476	1472	6
100:		----- N/A	-----		0	1472	1.2	1474	1471	6
125:		----- N/A	-----		0	1470	1.0	1472	1469	6
150:		----- N/A	-----		0	1471	1.5	1473	1469	6
175:		----- N/A	-----		0	1471	2.0	1473	1468	6
200:		----- N/A	-----		0	1470	2.1	1473	1468	6
225:		----- N/A	-----		0	1470	1.7	1472	1468	6
250:		----- N/A	-----		0	1470	1.7	1472	1468	6
300:		----- N/A	-----		0	1470	1.3	1472	1469	6
400:		----- N/A	-----		0	1471	.8	1472	1470	6
500:		----- N/A	-----		0	1473	.0	1473	1473	3
600:		----- N/A	-----		0	1474	.0	1474	1474	3
700:		----- N/A	-----		0	1475	.0	1475	1475	3
800:		----- N/A	-----		0	1476	.0	1476	1476	3
900:		----- N/A	-----		0	1477	.0	1477	1477	3
1000:		----- N/A	-----		0	1478	.0	1478	1478	3
1200:		----- N/A	-----		0	1480	.0	1480	1480	3
1500:		----- N/A	-----		0	1483	.6	1484	1483	3
2000:		----- N/A	-----		0		----- N/A	-----		0
2500:		----- N/A	-----		0		----- N/A	-----		0
3000:		----- N/A	-----		0		----- N/A	-----		0
3500:		----- N/A	---		0		----- N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.780	.2689	11.996	11.479	3
10:	11.456	.2753	11.649	11.141	3
20:	11.138	.2912	11.317	10.802	3
30:	10.842	.2817	11.016	10.517	3
50:	10.316	.2523	10.498	10.028	3
75:	9.721	.2316	9.891	9.457	3
100:	9.157	.1909	9.312	8.944	3
125:	8.686	.1894	8.853	8.480	3
150:	8.302	.1917	8.477	8.097	3
175:	7.959	.1821	8.128	7.766	3
200:	7.630	.1718	7.788	7.447	3
225:	7.314	.1584	7.462	7.147	3
250:	7.004	.1462	7.138	6.848	3
300:	6.405	.1214	6.514	6.274	3
400:	5.297	.1070	5.404	5.190	3
500:	4.263	.0856	4.342	4.172	3
600:	3.291	.0586	3.344	3.228	3
700:	2.393	.0342	2.423	2.356	3
800:	1.549	.0146	1.565	1.536	3
900:	.754	.0122	.762	.740	3
1000:	.000	.0000	.000	.000	3
1200:	-1.418	.0097	-1.407	-1.426	3
1500:	-3.321	.0490	-3.272	-3.370	3
2000:		----- N/A	-----		0
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

AUGUST

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	12.43	1.133	14.33	10.68	17	32.531	.0869	32.670	32.360	17
10:	12.33	1.149	13.95	10.53	17	32.529	.0831	32.670	32.360	17
20:	11.80	1.009	13.50	10.30	17	32.538	.0886	32.670	32.360	17
30:	9.90	1.050	11.43	8.19	17	32.579	.1060	32.729	32.360	17
50:	7.16	1.024	10.10	5.81	17	32.642	.1191	32.810	32.370	17
75:	5.78	.594	6.82	4.79	17	32.687	.0951	32.840	32.540	17
100:	5.22	.391	6.04	4.67	17	32.811	.1124	33.104	32.692	17
125:	4.95	.332	5.49	4.48	17	33.198	.2308	33.758	32.840	17
150:	5.01	.446	5.63	4.22	17	33.612	.1311	33.811	33.336	17
175:	4.90	.473	5.83	4.08	17	33.749	.0728	33.830	33.571	17
200:	4.69	.402	5.58	4.08	17	33.793	.0451	33.855	33.699	17
225:	4.49	.354	5.28	3.93	17	33.817	.0301	33.855	33.757	17
250:	4.34	.318	5.01	3.85	17	33.842	.0212	33.881	33.797	17
300:	4.10	.216	4.44	3.68	17	33.892	.0255	33.928	33.846	17
400:	3.91	.110	4.04	3.64	17	34.005	.0230	34.036	33.964	17
500:	3.74	.085	3.85	3.54	16	34.103	.0173	34.133	34.070	16
600:	3.57	.070	3.66	3.42	16	34.181	.0183	34.220	34.156	16
700:	3.39	.062	3.49	3.27	15	34.246	.0190	34.282	34.217	15
800:	3.22	.057	3.32	3.11	15	34.297	.0208	34.333	34.266	15
900:	3.06	.049	3.14	2.97	15	34.342	.0185	34.373	34.313	15
1000:	2.91	.045	2.98	2.83	15	34.381	.0198	34.416	34.351	15
1200:	2.64	.036	2.71	2.59	15	34.441	.0208	34.478	34.405	15
1500:	2.33	.035	2.38	2.27	14	34.508	.0193	34.557	34.479	14
2000:	1.97	.000	1.97	1.97	2	34.574	.0129	34.583	34.565	2
2500:	1.73	.035	1.76	1.71	2	34.626	.0146	34.636	34.616	2
3000:	1.58	.014	1.59	1.57	2	34.657	.0087	34.663	34.651	2
3500:	1.54	.014	1.55	1.53	2	34.673	.0190	34.687	34.660	2

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	24.609	.2581	24.957	24.220	17	333.9	24.59	371.0	300.8	17
10:	24.628	.2595	24.982	24.232	17	332.4	24.75	370.1	298.6	17
20:	24.735	.2380	25.071	24.274	17	322.3	22.69	366.3	290.3	17
30:	25.099	.2331	25.450	24.746	17	287.8	22.21	321.5	254.4	17
50:	25.560	.2325	25.847	24.908	17	244.0	22.22	306.4	216.6	17
75:	25.776	.1311	26.012	25.570	17	223.7	12.55	243.4	201.1	17
100:	25.941	.1168	26.233	25.779	17	208.1	11.15	223.7	180.3	17
125:	26.276	.1635	26.657	26.029	17	176.6	15.45	199.8	140.6	17
150:	26.596	.0791	26.728	26.437	17	146.5	7.43	161.3	134.0	17
175:	26.717	.0319	26.771	26.652	17	135.3	3.04	141.8	130.1	17
200:	26.776	.0227	26.813	26.722	17	129.9	2.27	135.4	126.3	17
225:	26.817	.0254	26.857	26.758	17	126.1	2.54	132.1	122.3	17
250:	26.853	.0273	26.892	26.789	17	122.9	2.76	129.4	118.9	17
300:	26.918	.0280	26.953	26.856	17	117.0	2.76	123.2	113.7	17
400:	27.027	.0244	27.071	26.981	17	107.4	2.35	111.8	103.0	17
500:	27.122	.0193	27.158	27.090	16	99.1	1.89	102.2	95.6	16
600:	27.200	.0195	27.241	27.175	16	92.3	1.90	94.8	88.4	16
700:	27.270	.0194	27.307	27.240	15	86.2	1.91	89.1	82.5	15
800:	27.326	.0205	27.360	27.296	15	81.3	2.01	84.3	78.1	15
900:	27.377	.0179	27.407	27.349	15	76.9	1.76	79.7	74.0	15
1000:	27.422	.0179	27.452	27.396	15	73.0	1.74	75.5	70.1	15
1200:	27.494	.0177	27.527	27.468	15	66.8	1.68	69.2	63.6	15
1500:	27.573	.0172	27.617	27.548	14	60.0	1.69	62.3	55.6	14
2000:	27.655	.0098	27.662	27.648	2	53.0	.85	53.6	52.4	2
2500:	27.714	.0087	27.720	27.708	2	48.1	.57	48.5	47.7	2
3000:	27.751	.0061	27.755	27.747	2	45.2	.35	45.5	45.0	2
3500:	27.767	.0137	27.777	27.758	2	44.8	1.06	45.6	44.1	2

AUGUST

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	12.43	1.133	14.33	10.68	17	333.9	24.59	371.0	300.8	17
10:	12.33	1.149	13.95	10.53	17	332.1	24.73	369.8	298.3	17
20:	11.80	1.009	13.50	10.30	17	321.8	22.66	365.7	289.9	17
30:	9.89	1.051	11.43	8.19	17	287.2	22.14	320.8	253.8	17
50:	7.16	1.024	10.09	5.81	17	243.3	22.12	305.4	216.0	17
75:	5.77	.594	6.81	4.78	17	222.8	12.45	242.4	200.4	17
100:	5.21	.390	6.03	4.66	17	207.1	11.08	222.5	179.4	17
125:	4.94	.332	5.48	4.47	17	175.3	15.54	198.7	139.0	17
150:	5.00	.446	5.62	4.21	17	144.8	7.51	159.9	132.4	17
175:	4.89	.474	5.82	4.06	17	133.4	3.01	139.5	128.3	17
200:	4.67	.401	5.57	4.06	17	127.8	2.13	132.8	124.3	17
225:	4.47	.353	5.26	3.91	17	123.8	2.39	129.4	120.1	17
250:	4.32	.315	4.99	3.84	17	120.4	2.58	126.5	116.7	17
300:	4.08	.216	4.42	3.66	17	114.2	2.66	120.1	110.9	17
400:	3.88	.109	4.01	3.62	17	103.8	2.29	108.1	99.7	17
500:	3.70	.087	3.82	3.50	16	94.8	1.82	97.8	91.4	16
600:	3.53	.069	3.62	3.38	16	87.3	1.83	89.7	83.5	16
700:	3.34	.063	3.44	3.22	15	80.7	1.84	83.5	77.1	15
800:	3.17	.056	3.26	3.06	15	75.2	1.95	78.1	72.1	15
900:	3.00	.050	3.08	2.91	15	70.4	1.71	73.1	67.6	15
1000:	2.84	.044	2.92	2.77	15	66.1	1.69	68.6	63.2	15
1200:	2.56	.036	2.62	2.51	15	59.2	1.66	61.7	56.1	15
1500:	2.23	.035	2.28	2.17	14	51.6	1.63	53.9	47.4	14
2000:	1.83	.007	1.84	1.83	2	43.6	.99	44.3	42.9	2
2500:	1.56	.042	1.59	1.53	2	37.7	.78	38.3	37.2	2
3000:	1.36	.014	1.37	1.35	2	34.0	.57	34.4	33.6	2
3500:	1.27	.014	1.28	1.26	2	32.1	1.34	33.1	31.2	2

STD PRESS	DELTA U MEAN	DELTA U S.D.	DELTA U MAX	DELTA U MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	17	.00	.000	.00	.00	17
10:	.34	.025	.37	.30	17	.02	.000	.02	.02	17
20:	.66	.049	.75	.60	17	.07	.006	.08	.06	17
30:	.97	.064	1.09	.89	17	.15	.009	.16	.13	17
50:	1.50	.102	1.73	1.37	17	.36	.028	.43	.33	17
75:	2.08	.141	2.39	1.90	17	.73	.053	.84	.65	17
100:	2.62	.165	2.94	2.38	17	1.21	.075	1.34	1.09	17
125:	3.10	.183	3.44	2.79	17	1.76	.099	1.90	1.56	17
150:	3.50	.199	3.83	3.14	17	2.32	.127	2.49	2.05	17
175:	3.85	.207	4.18	3.47	17	2.90	.144	3.11	2.59	17
200:	4.18	.212	4.51	3.79	17	3.53	.152	3.77	3.20	17
225:	4.50	.213	4.82	4.10	17	4.22	.158	4.49	3.88	17
250:	4.81	.213	5.12	4.41	17	4.98	.164	5.28	4.62	17
300:	5.41	.215	5.75	5.01	17	6.66	.182	7.05	6.29	17
400:	6.53	.222	6.92	6.12	17	10.64	.246	11.23	10.25	17
500:	7.56	.233	7.99	7.15	16	15.37	.325	16.12	14.94	16
600:	8.51	.239	8.97	8.11	16	20.73	.402	21.61	20.15	16
700:	9.40	.252	9.88	9.02	15	26.62	.522	27.66	25.83	15
800:	10.24	.256	10.73	9.87	15	33.02	.646	34.18	31.99	15
900:	11.03	.264	11.54	10.68	15	39.87	.788	41.15	38.59	15
1000:	11.78	.274	12.30	11.43	15	47.11	.949	48.51	45.61	15
1200:	13.17	.286	13.71	12.84	15	62.76	1.262	64.62	60.59	15
1500:	15.09	.313	15.64	14.69	14	88.82	1.946	91.50	85.17	14
2000:	18.22	.361	18.48	17.97	2	141.36	.057	141.40	141.32	2
2500:	20.73	.318	20.96	20.51	2	198.91	.870	199.53	198.30	2
3000:	23.05	.311	23.27	22.83	2	263.76	1.103	264.54	262.98	2
3500:	25.29	.262	25.48	25.11	2	338.23	2.439	339.96	336.51	2

AUGUST

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	6.57	*****	N/A	-----	1	1495	3.8	1502	1490	17
10:	6.53	*****	N/A	-----	1	1495	3.9	1501	1489	17
20:	7.23	-----	N/A	-----	1	1493	3.4	1500	1489	17
30:	7.40	-----	N/A	-----	1	1487	3.9	1493	1481	17
50:	7.27	-----	N/A	-----	1	1477	3.8	1488	1472	17
75:	7.24	-----	N/A	-----	1	1472	2.3	1476	1468	17
100:	7.19	-----	N/A	-----	1	1470	1.6	1474	1468	17
125:	5.54	-----	N/A	-----	1	1470	1.6	1473	1468	17
150:	3.78	-----	N/A	-----	1	1471	2.0	1474	1468	17
175:	3.70	-----	N/A	-----	1	1471	2.1	1476	1468	17
200:	3.46	-----	N/A	-----	1	1471	1.7	1475	1469	17
225:	3.21	-----	N/A	-----	1	1471	1.4	1474	1469	17
250:	2.85	-----	N/A	-----	1	1470	1.4	1474	1469	17
300:	2.66	-----	N/A	-----	1	1470	1.0	1472	1469	17
400:	1.59	-----	N/A	-----	1	1471	.4	1472	1471	17
500:	1.07	-----	N/A	-----	1	1472	.4	1473	1472	16
600:	.75	-----	N/A	-----	1	1473	.4	1474	1473	16
700:	.65	-----	N/A	-----	1	1474	.4	1475	1474	15
800:	.60	-----	N/A	-----	1	1475	.4	1476	1475	15
900:	.59	-----	N/A	-----	1	1476	.3	1477	1476	15
1000:	.59	-----	N/A	-----	1	1477	.4	1478	1477	15
1200:	.61	-----	N/A	-----	1	1480	.0	1480	1480	15
1500:	.79	-----	N/A	-----	1	1484	.0	1484	1484	14
2000:	1.33	-----	N/A	-----	1	1491	.0	1491	1491	2
2500:	2.00	-----	N/A	-----	1	1498	.0	1498	1498	2
3000:	2.63	-----	N/A	-----	1	1506	.0	1506	1506	2
3500:	2.93	-----	N/A	-----	1	1514	.0	1514	1514	2

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.776	.2734	12.297	11.427	15
10:	11.443	.2559	11.935	11.118	15
20:	11.114	.2397	11.578	10.813	15
30:	10.806	.2318	11.274	10.489	15
50:	10.274	.2123	10.704	9.977	15
75:	9.698	.2042	10.083	9.428	15
100:	9.161	.1882	9.509	8.913	15
125:	8.681	.1735	8.995	8.421	15
150:	8.282	.1652	8.561	8.025	15
175:	7.932	.1618	8.185	7.668	15
200:	7.602	.1568	7.842	7.349	15
225:	7.283	.1526	7.508	7.036	15
250:	6.972	.1468	7.182	6.734	15
300:	6.370	.1330	6.550	6.154	15
400:	5.254	.1094	5.394	5.062	15
500:	4.223	.0917	4.355	4.059	15
600:	3.267	.0755	3.381	3.132	15
700:	2.376	.0554	2.461	2.287	15
800:	1.539	.0365	1.595	1.482	15
900:	.748	.0181	.775	.720	15
1000:	.000	.0000	.000	.000	15
1200:	-1.395	.0314	-1.328	-1.445	15
1500:	-3.290	.0841	-3.117	-3.414	14
2000:	-6.206	.0354	-6.181	-6.231	2
2500:	-8.715	.0785	-8.660	-8.771	2
3000:	-11.030	.0891	-10.967	-11.093	2
3500:	-13.277	.1294	-13.186	-13.369	2

SEPTEMBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	13.74	.742	14.70	12.41	14	32.545	.0971	32.770	32.405	14
10:	13.71	.743	14.57	12.41	14	32.538	.1027	32.760	32.338	14
20:	13.62	.712	14.48	12.39	14	32.540	.1031	32.760	32.337	14
30:	12.61	1.493	14.41	9.32	14	32.557	.1189	32.840	32.336	14
50:	7.61	1.051	10.10	6.26	14	32.677	.1100	32.860	32.540	14
75:	6.07	.550	7.08	5.24	14	32.720	.1062	32.880	32.560	14
100:	5.46	.535	6.33	4.81	14	32.777	.1182	33.050	32.652	14
125:	4.97	.290	5.54	4.52	14	33.120	.2408	33.520	32.775	14
150:	4.94	.373	5.50	4.22	14	33.510	.2314	33.805	33.027	14
175:	4.84	.397	5.29	4.03	14	33.718	.1116	33.883	33.471	14
200:	4.65	.411	5.13	3.95	14	33.779	.0726	33.900	33.649	14
225:	4.47	.354	4.90	3.87	14	33.810	.0591	33.920	33.697	14
250:	4.35	.339	4.78	3.78	14	33.837	.0502	33.930	33.735	14
300:	4.12	.242	4.47	3.73	14	33.886	.0408	33.974	33.823	14
400:	3.89	.142	4.10	3.56	14	33.989	.0205	34.018	33.950	14
500:	3.79	.078	3.89	3.60	12	34.089	.0227	34.124	34.041	12
600:	3.60	.056	3.69	3.49	12	34.172	.0207	34.202	34.124	12
700:	3.43	.050	3.50	3.34	12	34.237	.0198	34.268	34.198	12
800:	3.24	.031	3.29	3.19	12	34.291	.0181	34.315	34.251	12
900:	3.08	.031	3.14	3.01	12	34.333	.0170	34.352	34.301	12
1000:	2.93	.030	2.99	2.87	12	34.369	.0171	34.390	34.333	12
1200:	2.66	.028	2.71	2.63	12	34.431	.0118	34.446	34.409	12
1500:	2.34	.029	2.39	2.29	10	34.501	.0116	34.514	34.474	10
2000:	1.96	.021	1.98	1.95	2	34.584	.0022	34.586	34.583	2
2500:	1.76	.000	1.76	1.76	2	34.631	.0031	34.633	34.629	2
3000:	1.61	.014	1.62	1.60	2	34.659	.0075	34.665	34.654	2
3500:	1.53	.000	1.53	1.53	2	34.676	.0076	34.682	34.670	2

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	24.365	.1727	24.617	24.103	14	357.1	16.47	382.1	333.1	14
10:	24.367	.1790	24.648	24.073	14	357.2	17.06	385.2	330.4	14
20:	24.386	.1769	24.653	24.072	14	355.7	16.87	385.6	330.1	14
30:	24.591	.3418	25.400	24.069	14	336.3	32.62	386.1	259.1	14
50:	25.524	.2098	25.855	25.149	14	247.5	20.02	283.4	216.0	14
75:	25.767	.1425	25.993	25.529	14	224.6	13.61	247.3	203.0	14
100:	25.885	.1335	26.153	25.682	14	213.5	12.76	232.9	188.0	14
125:	26.212	.1802	26.503	25.966	14	182.6	17.05	205.9	155.0	14
150:	26.524	.1628	26.765	26.156	14	153.3	15.36	180.1	130.5	14
175:	26.699	.0672	26.832	26.522	14	136.9	6.31	153.6	124.4	14
200:	26.769	.0413	26.866	26.693	14	130.5	3.90	137.5	121.4	14
225:	26.813	.0365	26.899	26.755	14	126.5	3.49	132.2	118.4	14
250:	26.848	.0349	26.917	26.780	14	123.4	3.38	130.1	116.9	14
300:	26.910	.0360	26.987	26.838	14	117.8	3.47	124.8	110.5	14
400:	27.016	.0200	27.051	26.978	14	108.5	1.96	112.1	105.0	14
500:	27.106	.0192	27.138	27.078	12	100.6	1.83	104.0	97.6	12
600:	27.190	.0174	27.219	27.154	12	93.3	1.64	96.6	90.5	12
700:	27.259	.0160	27.287	27.233	12	87.3	1.52	89.7	84.6	12
800:	27.319	.0149	27.340	27.290	12	82.0	1.40	84.7	80.1	12
900:	27.368	.0150	27.388	27.340	12	77.8	1.43	80.5	75.7	12
1000:	27.411	.0143	27.426	27.383	12	74.1	1.38	76.7	72.5	12
1200:	27.483	.0107	27.498	27.463	12	67.8	1.04	69.8	66.3	12
1500:	27.567	.0098	27.581	27.546	10	60.5	.93	62.4	59.0	10
2000:	27.663	.0025	27.666	27.661	2	52.1	.35	52.4	51.9	2
2500:	27.717	.0038	27.719	27.715	2	47.9	.21	48.1	47.8	2
3000:	27.750	.0077	27.756	27.745	2	45.5	.85	46.1	44.9	2
3500:	27.769	.0065	27.774	27.765	2	44.6	.57	45.0	44.2	2

SEPTEMBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	13.74	.742	14.70	12.41	14	357.1	16.47	382.1	333.1	14
10:	13.71	.743	14.57	12.41	14	356.9	17.07	385.0	330.1	14
20:	13.62	.713	14.48	12.39	14	355.1	16.85	385.0	329.6	14
30:	12.61	1.493	14.41	9.37	14	335.6	32.53	385.2	258.5	14
50:	7.61	1.050	10.09	6.26	14	246.7	19.94	282.4	215.3	14
75:	6.06	.548	7.07	5.23	14	223.6	13.53	246.2	202.2	14
100:	5.45	.534	6.32	4.81	14	212.4	12.68	231.7	187.0	14
125:	4.96	.290	5.53	4.51	14	181.3	17.11	204.7	153.7	14
150:	4.93	.373	5.49	4.21	14	151.7	15.47	186.6	128.8	14
175:	4.83	.397	5.28	4.02	14	135.0	6.37	151.8	122.4	14
200:	4.63	.409	5.12	3.94	14	128.4	3.90	135.6	119.2	14
225:	4.46	.354	4.88	3.85	14	124.3	3.45	129.7	116.1	14
250:	4.33	.336	4.77	3.76	14	120.9	3.31	127.4	114.4	14
300:	4.10	.242	4.45	3.71	14	115.0	3.41	121.8	107.7	14
400:	3.87	.140	4.07	3.54	14	104.9	1.88	108.5	101.6	14
500:	3.75	.075	3.85	3.57	12	96.3	1.81	99.7	93.3	12
600:	3.56	.056	3.65	3.45	12	88.3	1.65	91.7	85.5	12
700:	3.38	.050	3.45	3.29	12	81.7	1.54	84.2	79.0	12
800:	3.19	.030	3.24	3.14	12	75.9	1.42	78.7	73.9	12
900:	3.02	.031	3.08	2.95	12	71.3	1.40	73.9	69.3	12
1000:	2.86	.031	2.93	2.81	12	67.2	1.35	69.8	65.7	12
1200:	2.58	.028	2.63	2.55	12	60.2	1.01	62.1	58.8	12
1500:	2.24	.028	2.29	2.19	10	52.2	.94	54.2	50.8	10
2000:	1.83	.014	1.84	1.82	2	42.8	.28	43.0	42.6	2
2500:	1.58	.000	1.58	1.58	2	37.5	.28	37.7	37.3	2
3000:	1.38	.021	1.40	1.37	2	34.0	.71	34.5	33.5	2
3500:	1.26	.000	1.26	1.26	2	31.9	.64	32.4	31.5	2

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	14	.00	.000	.00	.00	14
10:	.36	.018	.39	.33	14	.02	.000	.02	.02	14
20:	.72	.034	.77	.67	14	.07	.005	.08	.07	14
30:	1.07	.050	1.17	.99	14	.16	.008	.18	.15	14
50:	1.65	.086	1.81	1.46	14	.40	.025	.44	.34	14
75:	2.24	.116	2.43	1.99	14	.77	.047	.83	.67	14
100:	2.79	.139	2.99	2.50	14	1.26	.069	1.37	1.13	14
125:	3.28	.161	3.51	2.92	14	1.83	.097	1.98	1.61	14
150:	3.70	.188	3.98	3.28	14	2.42	.142	2.64	2.11	14
175:	4.06	.207	4.36	3.60	14	3.01	.177	3.30	2.64	14
200:	4.40	.217	4.72	3.90	14	3.65	.195	3.99	3.22	14
225:	4.72	.221	5.05	4.20	14	4.34	.207	4.72	3.87	14
250:	5.03	.223	5.37	4.50	14	5.10	.218	5.49	4.58	14
300:	5.63	.230	5.98	5.07	14	6.79	.237	7.19	6.19	14
400:	6.76	.237	7.11	6.16	14	10.82	.286	11.21	10.08	14
500:	7.78	.240	8.09	7.19	12	15.59	.344	16.02	14.78	12
600:	8.75	.244	9.05	8.16	12	21.03	.410	21.51	20.21	12
700:	9.65	.249	9.95	9.05	12	27.00	.483	27.65	26.15	12
800:	10.50	.251	10.79	9.90	12	33.47	.566	34.30	32.60	12
900:	11.30	.258	11.58	10.69	12	40.38	.668	41.40	39.35	12
1000:	12.06	.269	12.33	11.43	12	47.73	.796	48.97	46.51	12
1200:	13.47	.278	13.78	12.84	12	63.62	1.020	65.31	62.14	12
1500:	15.34	.288	15.68	14.75	10	89.64	1.127	92.12	88.24	10
2000:	18.14	.467	18.47	17.81	2	138.91	1.443	139.93	137.89	2
2500:	20.63	.467	20.96	20.30	2	196.01	1.541	197.10	194.92	2
3000:	22.96	.438	23.27	22.65	2	261.17	.658	261.64	260.71	2
3500:	25.20	.410	25.49	24.91	2	335.52	.410	335.81	335.23	2

SEPTEMBER

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	4.72	---- N/A	-----		1	1500	2.5	1503	1496	14
10:	4.42	---- N/A	-----		1	1500	2.4	1503	1496	14
20:	4.99	---- N/A	-----		1	1500	2.5	1503	1496	14
30:	5.34	---- N/A	-----		1	1497	5.0	1503	1486	14
50:	4.78	---- N/A	-----		1	1479	4.0	1489	1474	14
75:	5.35	---- N/A	-----		1	1473	2.1	1477	1470	14
100:	5.64	---- N/A	-----		1	1471	2.2	1475	1469	14
125:	5.64	---- N/A	-----		1	1470	1.5	1473	1468	14
150:	4.35	---- N/A	-----		1	1471	1.8	1474	1468	14
175:	3.66	---- N/A	-----		1	1471	1.6	1473	1468	14
200:	3.31	---- N/A	-----		1	1471	1.9	1473	1468	14
225:	2.85	---- N/A	-----		1	1470	1.8	1473	1468	14
250:	2.46	---- N/A	-----		1	1470	1.6	1473	1468	14
300:	2.18	---- N/A	-----		1	1470	1.1	1472	1469	14
400:	1.41	---- N/A	-----		1	1471	.6	1472	1470	14
500:	.91	---- N/A	-----		1	1472	.3	1473	1472	12
600:	.74	---- N/A	-----		1	1473	.3	1474	1473	12
700:	.60	---- N/A	-----		1	1474	.3	1475	1474	12
800:	.55	---- N/A	-----		1	1476	.0	1476	1476	12
900:	.50	---- N/A	-----		1	1477	.0	1477	1477	12
1000:	.52	---- N/A	-----		1	1478	.0	1478	1478	12
1200:	.57	---- N/A	-----		1	1480	.0	1480	1480	12
1500:	.72	---- N/A	-----		1	1484	.0	1484	1484	10
2000:	1.32	---- N/A	-----		1	1491	.0	1491	1491	2
2500:	1.93	---- N/A	-----		1	1498	.0	1498	1498	2
3000:	2.53	---- N/A	-----		1	1506	.0	1506	1506	2
3500:	2.85	---- N/A	-----		1	1514	.0	1514	1514	2

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	12.057	.2680	12.332	11.430	12
10:	11.699	.2630	11.968	11.088	12
20:	11.341	.2574	11.604	10.747	12
30:	10.989	.2505	11.236	10.420	12
50:	10.410	.2122	10.630	9.966	12
75:	9.829	.1879	10.033	9.440	12
100:	9.281	.1693	9.470	8.933	12
125:	8.787	.1555	8.979	8.507	12
150:	8.377	.1506	8.592	8.152	12
175:	8.021	.1453	8.243	7.831	12
200:	7.690	.1399	7.912	7.502	12
225:	7.371	.1320	7.587	7.187	12
250:	7.060	.1252	7.271	6.879	12
300:	6.455	.1107	6.650	6.287	12
400:	5.321	.0892	5.485	5.180	12
500:	4.275	.0728	4.405	4.163	12
600:	3.305	.0548	3.401	3.221	12
700:	2.403	.0398	2.471	2.343	12
800:	1.557	.0277	1.610	1.519	12
900:	.759	.0144	.789	.740	12
1000:	.000	.0000	.000	.000	12
1200:	-1.417	.0218	-1.394	-1.458	12
1500:	-3.322	.0360	-3.273	-3.407	10
2000:	-6.111	.0346	-6.087	-6.136	2
2500:	-8.603	.0382	-8.576	-8.630	2
3000:	-10.928	.0063	-10.924	-10.933	2
3500:	-13.173	.0255	-13.155	-13.191	2

OCTOBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	10.73	1.089	11.54	9.10	5	32.567	.0581	32.662	32.520	5
10:	10.68	1.095	11.48	9.10	5	32.568	.0567	32.662	32.522	5
20:	10.68	1.087	11.48	9.10	5	32.577	.0613	32.681	32.525	5
30:	10.67	1.079	11.45	9.11	5	32.582	.0649	32.693	32.527	5
50:	10.09	1.171	11.40	8.87	5	32.608	.0639	32.690	32.529	5
75:	6.35	.667	7.04	5.28	5	32.757	.0717	32.846	32.664	5
100:	5.37	.543	5.87	4.55	5	32.880	.1642	33.157	32.740	5
125:	4.97	.325	5.31	4.48	5	33.197	.1995	33.442	32.885	5
150:	5.09	.138	5.23	4.95	5	33.581	.1381	33.744	33.424	5
175:	5.00	.176	5.21	4.81	5	33.775	.0441	33.823	33.724	5
200:	4.80	.168	5.01	4.58	5	33.820	.0149	33.838	33.800	5
225:	4.64	.203	4.86	4.35	5	33.852	.0277	33.893	33.820	5
250:	4.47	.273	4.83	4.14	5	33.881	.0449	33.950	33.840	5
300:	4.24	.200	4.43	4.02	5	33.929	.0387	33.972	33.890	5
400:	3.96	.098	4.07	3.84	5	34.016	.0261	34.060	33.993	5
500:	3.82	.104	3.98	3.74	5	34.118	.0201	34.148	34.094	5
600:	3.59	.049	3.67	3.54	5	34.191	.0179	34.219	34.177	5
700:	3.42	.047	3.48	3.35	5	34.252	.0205	34.283	34.232	5
800:	3.24	.037	3.27	3.18	5	34.303	.0208	34.337	34.282	5
900:	3.08	.015	3.10	3.06	5	34.346	.0213	34.380	34.324	5
1000:	2.92	.025	2.96	2.90	5	34.381	.0209	34.415	34.362	5
1200:	2.68	.042	2.74	2.63	5	34.438	.0188	34.469	34.421	5
1500:	2.31	.064	2.37	2.25	4	34.507	.0212	34.537	34.487	4
2000:	1.95	----- N/A -----			1	34.583	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	24.949	.1953	25.186	24.773	5	301.5	18.61	318.3	278.9	5
10:	24.957	.1974	25.187	24.788	5	300.9	18.82	317.1	279.0	5
20:	24.966	.1965	25.189	24.799	5	300.3	18.73	316.2	279.0	5
30:	24.970	.1971	25.191	24.812	5	300.1	18.78	315.2	279.0	5
50:	25.089	.2113	25.324	24.860	5	289.1	20.19	311.0	266.7	5
75:	25.761	.0963	25.855	25.599	5	225.2	9.23	240.7	216.1	5
100:	25.977	.1382	26.167	25.827	5	204.8	13.18	219.1	186.8	5
125:	26.274	.1331	26.450	26.081	5	176.8	12.56	194.9	160.1	5
150:	26.564	.0985	26.678	26.439	5	149.6	9.29	161.4	138.8	5
175:	26.728	.0184	26.754	26.708	5	134.3	1.71	136.1	131.8	5
200:	26.785	.0166	26.809	26.769	5	129.1	1.60	130.6	126.8	5
225:	26.828	.0200	26.849	26.806	5	125.2	1.97	127.4	123.1	5
250:	26.870	.0199	26.885	26.840	5	121.4	1.90	124.3	119.8	5
300:	26.933	.0194	26.952	26.904	5	115.7	1.78	118.5	114.0	5
400:	27.030	.0240	27.066	27.002	5	107.2	2.30	109.9	103.8	5
500:	27.126	.0248	27.157	27.090	5	98.8	2.45	102.4	95.8	5
600:	27.207	.0156	27.230	27.190	5	91.7	1.51	93.4	89.5	5
700:	27.272	.0175	27.295	27.251	5	86.1	1.68	88.2	84.0	5
800:	27.330	.0156	27.353	27.310	5	81.0	1.45	82.9	78.9	5
900:	27.378	.0173	27.405	27.359	5	76.8	1.65	78.7	74.3	5
1000:	27.421	.0183	27.450	27.403	5	73.1	1.79	74.9	70.3	5
1200:	27.488	.0180	27.517	27.473	5	67.4	1.74	68.8	64.6	5
1500:	27.574	.0203	27.602	27.554	4	59.7	2.05	61.8	57.0	4
2000:	27.663	----- N/A -----			1	52.1	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

OCTOBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	10.73	±.089	11.54	9.10	5	301.5	18.61	318.3	278.9	5
10:	10.68	±.095	11.48	9.10	5	300.7	18.80	316.8	278.8	5
20:	10.67	±.087	11.48	9.10	5	299.9	18.72	315.8	278.6	5
30:	10.67	±.083	11.45	9.10	5	299.4	18.73	314.5	278.5	5
50:	10.08	±.173	11.39	8.86	5	288.1	20.11	309.9	265.8	5
75:	6.34	.667	7.03	5.27	5	224.2	9.16	239.6	215.3	5
100:	5.36	.544	5.86	4.54	5	203.7	13.14	217.9	185.6	5
125:	4.96	.325	5.30	4.47	5	175.5	12.66	193.8	158.7	5
150:	5.08	.135	5.22	4.94	5	147.9	9.36	159.7	137.0	5
175:	4.98	.179	5.20	4.79	5	132.3	1.75	134.2	129.8	5
200:	4.79	.165	4.99	4.57	5	126.9	1.54	128.4	124.7	5
225:	4.62	.203	4.84	4.33	5	122.8	1.90	124.9	120.8	5
250:	4.45	.273	4.81	4.12	5	118.8	1.89	121.7	117.4	5
300:	4.22	.200	4.41	4.00	5	112.8	1.81	115.5	111.0	5
400:	3.94	.100	4.04	3.81	5	103.5	2.24	106.2	100.2	5
500:	3.78	.105	3.95	3.71	5	94.3	2.33	97.8	91.5	5
600:	3.55	.049	3.63	3.50	5	86.7	1.48	88.3	84.5	5
700:	3.37	.047	3.43	3.30	5	80.4	1.67	82.5	78.3	5
800:	3.18	.040	3.22	3.12	5	74.9	1.49	76.8	72.7	5
900:	3.02	.015	3.04	3.00	5	70.3	1.66	72.1	67.7	5
1000:	2.85	.025	2.89	2.83	5	66.2	1.75	67.9	63.4	5
1200:	2.59	.043	2.66	2.55	5	59.8	1.65	61.2	57.1	5
1500:	2.20	.058	2.26	2.15	4	51.4	1.95	53.4	48.8	4
2000:	1.81	----- N/A -----			1	42.8	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	5	.00	.000	.00	.00	5
10:	.30	.019	.32	.28	5	.02	.005	.02	.01	5
20:	.60	.038	.63	.56	5	.06	.000	.06	.06	5
30:	.90	.054	.95	.84	5	.14	.010	.15	.13	5
50:	1.50	.094	1.59	1.40	5	.38	.023	.41	.36	5
75:	2.15	.098	2.26	2.04	5	.79	.036	.84	.76	5
100:	2.68	.093	2.78	2.56	5	1.26	.040	1.31	1.22	5
125:	3.16	.082	3.28	3.06	5	1.81	.053	1.88	1.76	5
150:	3.57	.062	3.67	3.51	5	2.38	.064	2.44	2.30	5
175:	3.92	.057	4.02	3.88	5	2.97	.081	3.04	2.85	5
200:	4.25	.059	4.35	4.20	5	3.60	.082	3.67	3.47	5
225:	4.57	.066	4.68	4.51	5	4.28	.080	4.35	4.16	5
250:	4.87	.068	4.99	4.81	5	5.03	.080	5.09	4.90	5
300:	5.46	.074	5.59	5.40	5	6.69	.092	6.79	6.54	5
400:	6.58	.088	6.73	6.51	5	10.65	.123	10.85	10.52	5
500:	7.61	.098	7.77	7.53	5	15.38	.163	15.63	15.18	5
600:	8.56	.104	8.72	8.46	5	20.70	.229	20.94	20.37	5
700:	9.45	.125	9.64	9.32	5	26.60	.351	27.04	26.11	5
800:	10.28	.130	10.47	10.14	5	32.95	.435	33.42	32.33	5
900:	11.07	.143	11.27	10.90	5	39.78	.560	40.30	38.95	5
1000:	11.82	.160	12.03	11.62	5	47.03	.724	47.73	45.95	5
1200:	13.22	.195	13.47	12.97	5	62.78	1.138	63.82	61.07	5
1500:	15.08	.229	15.32	14.79	4	88.93	2.157	91.00	86.01	4
2000:	17.85	----- N/A -----			1	138.97	----- N/A -----			1
2500:		----- N/A -----			0		----- N/A -----			0
3000:		----- N/A -----			0		----- N/A -----			0
3500:		----- N/A -----			0		----- N/A -----			0

OCTOBER

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:		----- N/A	-----		0	1490	3.9	1493	1484	5
10:		----- N/A	-----		0	1489	4.1	1493	1484	5
20:		----- N/A	-----		0	1490	4.1	1493	1484	5
30:		----- N/A	-----		0	1490	4.1	1493	1484	5
50:		----- N/A	-----		0	1488	4.0	1493	1484	5
75:		----- N/A	-----		0	1474	2.7	1477	1470	5
100:		----- N/A	-----		0	1471	2.3	1473	1468	5
125:		----- N/A	-----		0	1470	1.5	1472	1468	5
150:		----- N/A	-----		0	1472	1.0	1473	1471	5
175:		----- N/A	-----		0	1472	1.0	1473	1471	5
200:		----- N/A	-----		0	1471	.8	1473	1471	5
225:		----- N/A	-----		0	1471	1.1	1473	1470	5
250:		----- N/A	-----		0	1471	1.1	1473	1470	5
300:		----- N/A	-----		0	1471	1.1	1472	1470	5
400:		----- N/A	-----		0	1471	.4	1472	1471	5
500:		----- N/A	-----		0	1473	.4	1474	1473	5
600:		----- N/A	-----		0	1474	.0	1474	1474	5
700:		----- N/A	-----		0	1475	.0	1475	1475	5
800:		----- N/A	-----		0	1476	.0	1476	1476	5
900:		----- N/A	-----		0	1477	.0	1477	1477	5
1000:		----- N/A	-----		0	1478	.0	1478	1478	5
1200:		----- N/A	-----		0	1480	.0	1480	1480	5
1500:		----- N/A	-----		0	1483	.6	1484	1483	4
2000:		----- N/A	-----		0	1491	----- N/A	-----		1
2500:		----- N/A	-----		0		----- N/A	-----		0
3000:		----- N/A	-----		0		----- N/A	-----		0
3500:		----- N/A	-----		0		----- N/A	-----		0

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.817	.1581	12.028	11.624	5
10:	11.515	.1436	11.715	11.345	5
20:	11.215	.1290	11.401	11.066	5
30:	10.912	.1173	11.088	10.767	5
50:	10.317	.0899	10.461	10.229	5
75:	9.669	.0823	9.796	9.568	5
100:	9.141	.0861	9.293	9.004	5
125:	8.659	.0978	8.749	8.496	5
150:	8.251	.1121	8.353	8.080	5
175:	7.898	.1234	8.010	7.717	5
200:	7.570	.1238	7.685	7.387	5
225:	7.252	.1209	7.369	7.073	5
250:	6.945	.1189	7.063	6.767	5
300:	6.353	.1145	6.478	6.184	5
400:	5.239	.0998	5.362	5.097	5
500:	4.209	.0760	4.295	4.095	5
600:	3.259	.0598	3.318	3.169	5
700:	2.369	.0448	2.425	2.302	5
800:	1.537	.0321	1.574	1.488	5
900:	.749	.0166	.767	.724	5
1000:	.000	.0000	.000	.000	5
1200:	-1.403	.0371	-1.347	-1.439	5
1500:	-3.313	.1110	-3.161	-3.408	4
2000:	-6.128	----- N/A	-----		1
2500:		----- N/A	-----		0
3000:		----- N/A	-----		0
3500:		----- N/A	-----		0

NOVEMBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	9.15	1.351	10.05	7.14	4	32.637	.0787	32.720	32.533	4
10:	9.02	1.296	10.05	7.13	4	32.628	.0769	32.710	32.525	4
20:	9.03	1.299	10.05	7.13	4	32.627	.0742	32.704	32.526	4
30:	9.03	1.303	10.06	7.13	4	32.629	.0744	32.700	32.526	4
50:	8.75	1.209	10.06	7.15	4	32.663	.0898	32.770	32.559	4
75:	6.37	.555	7.16	5.92	4	32.765	.0906	32.853	32.680	4
100:	5.06	.341	5.52	4.76	4	32.862	.0914	32.955	32.737	4
125:	4.79	.243	4.95	4.43	4	33.118	.2080	33.352	32.925	4
150:	4.82	.208	5.09	4.60	4	33.552	.2255	33.751	33.282	4
175:	4.58	.163	4.81	4.46	4	33.724	.1013	33.802	33.581	4
200:	4.38	.138	4.52	4.22	4	33.775	.0621	33.821	33.689	4
225:	4.17	.165	4.30	3.94	4	33.803	.0578	33.847	33.720	4
250:	4.04	.163	4.19	3.81	4	33.829	.0493	33.867	33.757	4
300:	3.91	.141	4.02	3.71	4	33.893	.0369	33.920	33.839	4
400:	3.78	.094	3.89	3.67	4	34.026	.0217	34.046	33.996	4
500:	3.69	.061	3.74	3.62	3	34.132	.0131	34.144	34.118	3
600:	3.53	.000	3.53	3.53	3	34.209	.0223	34.235	34.196	3
700:	3.35	.023	3.36	3.32	3	34.272	.0275	34.304	34.256	3
800:	3.18	.020	3.20	3.16	3	34.320	.0198	34.342	34.303	3
900:	3.04	.036	3.08	3.01	3	34.357	.0171	34.374	34.340	3
1000:	2.91	.031	2.94	2.88	3	34.391	.0107	34.398	34.378	3
1200:	2.64	.035	2.68	2.61	3	34.453	.0119	34.466	34.445	3
1500:	2.34	.038	2.38	2.31	3	34.510	.0144	34.525	34.496	3
2000:	1.97	----- N/A	-----		1	34.587	----- N/A	-----		1
2500:	1.74	----- N/A	-----		1	34.632	----- N/A	-----		1
3000:	1.60	----- N/A	-----		1	34.661	----- N/A	-----		1
3500:	1.53	----- N/A	-----		1	34.701	----- N/A	-----		1

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.263	.2467	25.630	25.117	4	271.6	23.45	285.6	236.8	4
10:	25.276	.2392	25.623	25.117	4	270.6	22.78	285.7	237.5	4
20:	25.273	.2375	25.618	25.114	4	271.0	22.66	286.2	238.1	4
30:	25.275	.2361	25.615	25.113	4	271.0	22.52	286.5	238.6	4
50:	25.347	.2170	25.606	25.117	4	264.5	20.76	286.5	239.7	4
75:	25.765	.1367	25.892	25.596	4	224.8	13.08	241.0	212.7	4
100:	25.998	.1086	26.096	25.868	4	202.6	10.38	217.0	193.3	4
125:	26.232	.1721	26.398	26.072	4	180.7	16.33	195.9	165.0	4
150:	26.571	.1635	26.717	26.382	4	148.8	15.42	166.6	135.0	4
175:	26.734	.0723	26.798	26.633	4	133.5	6.79	143.0	127.4	4
200:	26.795	.0412	26.838	26.744	4	127.9	3.88	132.7	123.8	4
225:	26.840	.0331	26.876	26.798	4	123.7	3.04	127.6	120.4	4
250:	26.874	.0261	26.901	26.841	4	120.7	2.40	123.7	118.2	4
300:	26.938	.0159	26.949	26.915	4	115.0	1.40	117.0	114.0	4
400:	27.057	.0116	27.070	27.043	4	104.5	1.04	105.6	103.2	4
500:	27.150	.0075	27.159	27.145	3	96.4	.69	96.8	95.6	3
600:	27.227	.0179	27.248	27.217	3	89.7	1.73	90.7	87.7	3
700:	27.295	.0209	27.319	27.281	3	83.8	1.92	85.1	81.6	3
800:	27.349	.0173	27.368	27.335	3	79.1	1.63	80.4	77.3	3
900:	27.391	.0143	27.407	27.379	3	75.6	1.40	76.7	74.0	3
1000:	27.430	.0070	27.436	27.422	3	72.2	.65	72.9	71.6	3
1200:	27.502	.0071	27.510	27.498	3	66.0	.53	66.4	65.4	3
1500:	27.574	.0084	27.582	27.565	3	59.9	.66	60.6	59.3	3
2000:	27.665	----- N/A	-----		1	52.1	----- N/A	-----		1
2500:	27.719	----- N/A	-----		1	47.7	----- N/A	-----		1
3000:	27.753	----- N/A	-----		1	45.3	----- N/A	-----		1
3500:	27.790	----- N/A	-----		1	42.8	----- N/A	-----		1

NOVEMBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	9.15	1.351	10.05	7.14	4	271.6	23.45	285.6	236.8	4
10:	9.02	1.296	10.05	7.13	4	270.4	22.74	285.5	237.4	4
20:	9.03	1.299	10.05	7.13	4	270.6	22.61	285.8	237.8	4
30:	9.03	1.302	10.06	7.13	4	270.5	22.48	285.9	238.1	4
50:	8.74	1.209	10.05	7.14	4	263.6	20.67	285.5	238.9	4
75:	6.36	.553	7.15	5.91	4	223.8	12.98	239.9	211.8	4
100:	5.06	.340	5.51	4.75	4	201.6	10.32	215.9	192.3	4
125:	4.78	.245	4.95	4.42	4	179.5	16.37	194.7	163.6	4
150:	4.81	.208	5.08	4.59	4	147.2	15.56	165.2	133.4	4
175:	4.56	.165	4.80	4.45	4	131.7	6.82	141.3	125.7	4
200:	4.37	.137	4.51	4.21	4	125.9	5.90	130.8	121.9	4
225:	4.15	.168	4.29	3.92	4	121.7	3.14	125.7	118.3	4
250:	4.02	.164	4.17	3.79	4	118.5	2.49	121.6	115.9	4
300:	3.89	.141	4.00	3.69	4	112.3	1.49	114.5	111.3	4
400:	3.75	.092	3.86	3.65	4	101.0	1.08	102.3	99.8	4
500:	3.65	.060	3.71	3.59	3	92.1	.70	92.6	91.3	3
600:	3.48	.006	3.49	3.48	3	84.7	1.67	85.7	82.8	3
700:	3.30	.023	3.31	3.27	3	78.3	2.00	79.6	76.0	3
800:	3.13	.021	3.15	3.11	3	73.1	1.61	74.4	71.3	3
900:	2.98	.036	3.02	2.95	3	69.1	1.33	70.2	67.6	3
1000:	2.84	.031	2.87	2.81	3	65.3	.71	66.1	64.7	3
1200:	2.56	.035	2.60	2.53	3	58.4	.64	58.8	57.7	3
1500:	2.24	.038	2.28	2.21	3	51.5	.80	52.3	50.7	3
2000:	1.83	-----	N/A	-----	1	42.7	-----	N/A	-----	1
2500:	1.56	-----	N/A	-----	1	37.3	-----	N/A	-----	1
3000:	1.38	-----	N/A	-----	1	33.9	-----	N/A	-----	1
3500:	1.26	-----	N/A	-----	1	30.0	-----	N/A	-----	1

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	4	.00	.000	.00	.00	4
10:	.27	.024	.29	.24	4	.01	.000	.01	.01	4
20:	.54	.043	.57	.48	4	.06	.005	.06	.05	4
30:	.81	.071	.86	.71	4	.12	.010	.13	.11	4
50:	1.36	.116	1.44	1.19	4	.34	.031	.37	.30	4
75:	1.97	.130	2.07	1.79	4	.73	.039	.77	.69	4
100:	2.50	.132	2.62	2.34	4	1.21	.047	1.26	1.17	4
125:	2.98	.158	3.14	2.80	4	1.76	.082	1.86	1.69	4
150:	3.39	.205	3.60	3.17	4	2.33	.145	2.49	2.20	4
175:	3.74	.227	3.98	3.50	4	2.91	.188	3.13	2.75	4
200:	4.07	.240	4.32	3.81	4	3.53	.210	3.78	3.36	4
225:	4.38	.243	4.64	4.12	4	4.21	.226	4.48	4.02	4
250:	4.69	.252	4.96	4.42	4	4.95	.244	5.24	4.74	4
300:	5.27	.265	5.56	4.99	4	6.60	.273	6.93	6.36	4
400:	6.37	.267	6.67	6.09	4	10.51	.296	10.89	10.25	4
500:	7.28	.221	7.52	7.09	3	14.97	.159	15.15	14.85	3
600:	8.21	.218	8.45	8.03	3	20.18	.187	20.39	20.04	3
700:	9.07	.229	9.33	8.90	3	25.91	.295	26.21	25.62	3
800:	9.89	.229	10.15	9.71	3	32.13	.414	32.51	31.69	3
900:	10.66	.237	10.93	10.51	3	38.82	.525	39.23	38.23	3
1000:	11.40	.237	11.67	11.26	3	45.98	.609	46.41	45.28	3
1200:	12.78	.228	13.04	12.64	3	61.44	.569	61.77	60.78	3
1500:	14.66	.222	14.92	14.53	3	87.34	.622	87.83	86.64	3
2000:	17.32	-----	N/A	-----	1	136.39	-----	N/A	-----	1
2500:	19.80	-----	N/A	-----	1	193.20	-----	N/A	-----	1
3000:	22.12	-----	N/A	-----	1	258.18	-----	N/A	-----	1
3500:	24.33	-----	N/A	-----	1	331.26	-----	N/A	-----	1

NOVEMBER

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.59	----- N/A -----			1	1489	5.1	1488	1477	4
10:	6.63	----- N/A -----			1	1489	4.8	1488	1477	4
20:	6.63	----- N/A -----			1	1489	4.8	1488	1477	4
30:	6.63	----- N/A -----			1	1489	4.9	1488	1477	4
50:	6.67	----- N/A -----			1	1483	4.6	1488	1477	4
75:	6.93	----- N/A -----			1	1475	2.2	1478	1473	4
100:	6.86	----- N/A -----			1	1470	1.4	1472	1469	4
125:	5.65	----- N/A -----			1	1469	1.3	1471	1468	4
150:	4.35	----- N/A -----			1	1471	.8	1472	1470	4
175:	3.86	----- N/A -----			1	1470	.5	1471	1470	4
200:	3.46	----- N/A -----			1	1470	.8	1471	1469	4
225:	3.10	----- N/A -----			1	1469	.5	1470	1469	4
250:	2.76	----- N/A -----			1	1469	1.0	1470	1468	4
300:	2.31	----- N/A -----			1	1469	.5	1470	1469	4
400:	1.53	----- N/A -----			1	1471	.5	1472	1471	4
500:	1.04	----- N/A -----			1	1472	.6	1473	1472	3
600:	.81	----- N/A -----			1	1474	.0	1474	1474	3
700:	.66	----- N/A -----			1	1474	.6	1475	1474	3
800:	.61	----- N/A -----			1	1476	.0	1476	1476	3
900:	.59	----- N/A -----			1	1477	.0	1477	1477	3
1000:	.58	----- N/A -----			1	1478	.0	1478	1478	3
1200:	.60	----- N/A -----			1	1480	.0	1480	1480	3
1500:	.79	----- N/A -----			1	1484	.0	1484	1484	3
2000:	1.31	----- N/A -----			1	1491	----- N/A -----			1
2500:	1.90	----- N/A -----			1	1498	----- N/A -----			1
3000:	2.69	----- N/A -----			1	1506	----- N/A -----			1
3500:	2.94	----- N/A -----			1	1514	----- N/A -----			1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.397	.2370	11.671	11.260	3
10:	11.131	.2214	11.386	10.985	3
20:	10.865	.2066	11.100	10.711	3
30:	10.599	.1939	10.814	10.437	3
50:	10.068	.1730	10.241	9.895	3
75:	9.460	.1411	9.597	9.315	3
100:	8.939	.1336	9.074	8.808	3
125:	8.464	.1140	8.578	8.350	3
150:	8.070	.0768	8.137	7.986	3
175:	7.730	.0685	7.779	7.652	3
200:	7.411	.0676	7.453	7.333	3
225:	7.100	.0679	7.142	7.022	3
250:	6.798	.0665	6.844	6.722	3
300:	6.213	.0679	6.267	6.137	3
400:	5.122	.0703	5.174	5.042	3
500:	4.121	.0740	4.171	4.036	3
600:	3.192	.0624	3.234	3.120	3
700:	2.326	.0429	2.358	2.277	3
800:	1.511	.0257	1.533	1.483	3
900:	.739	.0097	.747	.728	3
1000:	.000	.0000	.000	.000	3
1200:	-1.379	.0079	-1.370	-1.385	3
1500:	-3.269	.0185	-3.245	-3.282	3
2000:	-6.061	----- N/A -----			1
2500:	-8.539	----- N/A -----			1
3000:	-10.858	----- N/A -----			1
3500:	-13.064	----- N/A -----			1

DECEMBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	7.61	.929	9.40	6.54	15	32.665	.0936	32.790	32.450	15
10:	7.61	.931	9.39	6.54	15	32.607	.0930	32.790	32.450	15
20:	7.61	.932	9.37	6.54	15	32.612	.0939	32.790	32.450	15
30:	7.61	.929	9.37	6.54	15	32.611	.0928	32.790	32.470	15
50:	7.59	.939	9.36	6.54	15	32.613	.0923	32.790	32.480	15
75:	7.29	.994	9.34	6.07	15	32.636	.0990	32.790	32.480	15
100:	5.71	.898	8.24	4.56	15	32.833	.1209	33.140	32.654	15
125:	4.93	.442	5.61	4.35	15	33.225	.2135	33.578	32.900	15
150:	4.81	.392	5.49	4.04	15	33.598	.1327	33.803	33.400	15
175:	4.76	.437	5.22	3.85	15	33.749	.0650	33.840	33.595	15
200:	4.60	.399	4.99	3.77	15	33.797	.0478	33.860	33.692	15
225:	4.42	.322	4.80	3.75	15	33.827	.0361	33.870	33.742	15
250:	4.28	.266	4.64	3.73	15	33.851	.0258	33.880	33.785	15
300:	4.11	.179	4.35	3.72	15	33.898	.0218	33.920	33.848	15
400:	3.87	.080	4.00	3.75	12	34.012	.0207	34.041	33.968	12
500:	3.74	.055	3.85	3.68	11	34.108	.0213	34.136	34.067	11
600:	3.57	.049	3.67	3.52	11	34.178	.0188	34.202	34.146	11
700:	3.40	.054	3.52	3.34	11	34.243	.0155	34.268	34.223	11
800:	3.23	.053	3.35	3.16	11	34.295	.0111	34.319	34.280	11
900:	3.06	.048	3.17	2.99	11	34.337	.0132	34.363	34.310	11
1000:	2.91	.042	3.00	2.85	11	34.377	.0151	34.403	34.350	11
1200:	2.65	.051	2.73	2.56	11	34.439	.0153	34.462	34.413	11
1500:	2.34	.044	2.40	2.26	7	34.509	.0151	34.536	34.490	7
2000:	1.96	----- N/A -----			1	34.576	----- N/A -----			1
2500:	1.73	----- N/A -----			1	34.624	----- N/A -----			1
3000:	1.58	----- N/A -----			1	34.651	----- N/A -----			1
3500:	1.52	----- N/A -----			1	34.662	----- N/A -----			1

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.470	.1681	25.793	25.209	15	251.9	15.99	276.8	226.0	15
10:	25.472	.1668	25.794	25.218	15	251.9	15.87	276.1	226.1	15
20:	25.476	.1664	25.794	25.231	15	251.7	15.86	275.0	226.1	15
30:	25.475	.1662	25.796	25.231	15	251.9	15.66	275.2	226.1	15
50:	25.479	.1660	25.798	25.231	15	251.8	15.86	275.5	226.2	15
75:	25.538	.1798	25.808	25.250	15	246.5	17.24	274.2	220.6	15
100:	25.897	.1763	26.203	25.520	15	212.4	16.89	248.7	183.3	15
125:	26.300	.1730	26.534	25.967	15	176.3	16.40	206.0	152.2	15
150:	26.608	.0901	26.729	26.437	15	145.3	8.53	161.6	133.8	15
175:	26.733	.0385	26.799	26.674	15	133.7	3.69	139.4	127.4	15
200:	26.788	.0312	26.841	26.728	15	128.7	3.09	134.5	123.5	15
225:	26.833	.0288	26.881	26.782	15	124.6	2.82	129.6	119.9	15
250:	26.866	.0250	26.902	26.807	15	121.7	2.47	127.4	118.1	15
300:	26.921	.0205	26.946	26.873	15	116.7	2.01	121.4	114.4	15
400:	27.037	.0202	27.063	26.991	12	106.4	1.94	110.8	104.0	12
500:	27.127	.0197	27.153	27.095	11	98.6	1.90	101.7	96.2	11
600:	27.198	.0178	27.221	27.163	11	92.5	1.71	95.9	90.3	11
700:	27.266	.0139	27.285	27.239	11	86.6	1.37	89.4	84.8	11
800:	27.325	.0109	27.343	27.301	11	81.5	1.09	84.0	79.8	11
900:	27.373	.0134	27.394	27.342	11	77.3	1.33	80.4	75.4	11
1000:	27.419	.0138	27.440	27.389	11	73.3	1.36	76.3	71.3	11
1200:	27.491	.0137	27.514	27.464	11	67.0	1.33	69.7	64.7	11
1500:	27.572	.0116	27.589	27.555	7	60.0	1.09	61.7	58.7	7
2000:	27.658	----- N/A -----			1	52.7	----- N/A -----			1
2500:	27.714	----- N/A -----			1	48.1	----- N/A -----			1
3000:	27.746	----- N/A -----			1	45.7	----- N/A -----			1
3500:	27.759	----- N/A -----			1	45.5	----- N/A -----			1

DECEMBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
0:	7.61	.929	9.40	6.59	15	251.9	15.98	276.8	226.0	15
10:	7.61	.931	9.39	6.59	15	251.8	15.86	275.9	225.9	15
20:	7.61	.932	9.37	6.59	15	251.3	15.81	274.6	225.8	15
30:	7.61	.929	9.37	6.59	15	251.4	15.62	274.6	225.7	15
50:	7.58	.937	9.35	6.53	15	251.0	15.77	274.6	225.5	15
75:	7.29	.995	9.33	6.06	15	245.4	17.08	272.8	219.7	15
100:	5.70	.898	8.23	4.65	15	211.3	16.74	247.0	182.2	15
125:	4.92	.942	5.60	4.34	15	173.0	16.41	204.6	150.8	15
150:	4.80	.791	5.48	4.03	15	143.8	8.57	160.0	132.3	15
175:	4.75	.839	5.21	3.83	15	131.9	3.66	137.4	125.6	15
200:	4.59	.796	4.97	3.76	15	126.6	2.95	132.3	121.6	15
225:	4.40	.721	4.78	3.73	15	122.4	2.72	127.2	117.8	15
250:	4.27	.765	4.62	3.71	15	119.2	2.34	124.7	115.8	15
300:	4.09	.179	4.33	3.70	15	113.9	1.94	118.5	111.6	15
400:	3.84	.080	3.97	3.72	12	102.9	1.91	107.2	100.4	12
500:	3.70	.054	3.81	3.64	11	98.3	1.88	97.4	91.9	11
600:	3.53	.049	3.63	3.47	11	87.5	1.67	90.8	85.3	11
700:	3.36	.052	3.47	3.29	11	81.0	1.34	83.6	79.2	11
800:	3.17	.053	3.29	3.10	11	75.4	1.04	77.7	73.7	11
900:	3.00	.046	3.10	2.93	11	70.8	1.26	73.7	68.8	11
1000:	2.84	.041	2.93	2.78	11	66.4	1.31	69.2	64.4	11
1200:	2.57	.051	2.65	2.48	11	59.5	1.28	62.0	57.4	11
1500:	2.24	.044	2.30	2.16	7	51.6	1.10	53.2	50.0	7
2000:	1.82	-----	N/A	-----		43.4	-----	N/A	-----	1
2500:	1.55	-----	N/A	-----		37.8	-----	N/A	-----	1
3000:	1.36	-----	N/A	-----		34.5	-----	N/A	-----	1
3500:	1.25	-----	N/A	-----		33.0	-----	N/A	-----	1

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
0:	.00	.000	.00	.00	15	.00	.000	.00	.00	15
10:	.25	.016	.28	.23	15	.01	.000	.01	.01	15
20:	.50	.031	.55	.45	15	.05	.004	.06	.05	15
30:	.76	.047	.83	.68	15	.11	.008	.13	.10	15
50:	1.26	.078	1.38	1.13	15	.32	.019	.35	.29	15
75:	1.89	.118	2.09	1.71	15	.72	.045	.81	.66	15
100:	2.47	.155	2.69	2.20	15	1.24	.080	1.37	1.10	15
125:	2.95	.180	3.25	2.63	15	1.79	.114	2.01	1.58	15
150:	3.35	.201	3.70	2.98	15	2.34	.151	2.64	2.08	15
175:	3.69	.208	4.06	3.32	15	2.92	.168	3.23	2.63	15
200:	4.02	.214	4.39	3.64	15	3.54	.177	3.85	3.26	15
225:	4.34	.218	4.70	3.95	15	4.23	.190	4.55	3.92	15
250:	4.65	.221	5.01	4.25	15	4.97	.201	5.30	4.65	15
300:	5.24	.226	5.61	4.84	15	6.64	.217	6.97	6.30	15
400:	6.30	.220	6.70	5.95	12	10.57	.242	10.94	10.21	12
500:	7.32	.241	7.71	6.96	11	15.24	.326	15.63	14.78	11
600:	8.28	.250	8.66	7.91	11	20.59	.395	21.14	19.99	11
700:	9.17	.256	9.54	8.79	11	26.52	.474	27.27	25.79	11
800:	10.01	.264	10.38	9.63	11	32.95	.570	34.00	32.10	11
900:	10.81	.271	11.18	10.42	11	39.81	.633	40.98	38.84	11
1000:	11.56	.276	11.95	11.17	11	47.09	.740	48.56	45.96	11
1200:	12.96	.294	13.43	12.56	11	62.79	1.059	65.13	61.19	11
1500:	14.90	.277	15.27	14.40	7	88.81	1.195	90.05	86.48	7
2000:	17.66	-----	N/A	-----		138.37	-----	N/A	-----	1
2500:	20.16	-----	N/A	-----		195.72	-----	N/A	-----	1
3000:	22.49	-----	N/A	-----		260.88	-----	N/A	-----	1
3500:	24.78	-----	N/A	-----		336.60	-----	N/A	-----	1

DECEMBER

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	-----	N/A	-----		0	1478	3.6	1485	1474	15
10:	-----	N/A	-----		0	1478	3.6	1485	1474	15
20:	-----	N/A	-----		0	1478	3.5	1485	1474	15
30:	-----	N/A	-----		0	1478	3.5	1486	1475	15
50:	-----	N/A	-----		0	1479	3.7	1486	1475	15
75:	-----	N/A	-----		0	1478	3.8	1486	1474	15
100:	-----	N/A	-----		0	1472	3.6	1483	1468	15
125:	-----	N/A	-----		0	1470	2.0	1474	1468	15
150:	-----	N/A	-----		0	1470	1.8	1474	1467	15
175:	-----	N/A	-----		0	1471	2.0	1473	1467	15
200:	-----	N/A	-----		0	1471	1.8	1473	1467	15
225:	-----	N/A	-----		0	1470	1.4	1472	1468	15
250:	-----	N/A	-----		0	1470	1.1	1472	1468	15
300:	-----	N/A	-----		0	1470	.9	1472	1469	15
400:	-----	N/A	-----		0	1471	.5	1472	1471	12
500:	-----	N/A	-----		0	1472	.5	1473	1472	11
600:	-----	N/A	-----		0	1474	.0	1474	1474	11
700:	-----	N/A	-----		0	1474	.3	1475	1474	11
800:	-----	N/A	-----		0	1475	.4	1476	1475	11
900:	-----	N/A	-----		0	1476	.3	1477	1476	11
1000:	-----	N/A	-----		0	1478	.0	1478	1478	11
1200:	-----	N/A	-----		0	1480	.0	1480	1480	11
1500:	-----	N/A	-----		0	1483	.4	1484	1483	7
2000:	-----	N/A	-----		0	1491	-----	N/A -----		1
2500:	-----	N/A	-----		0	1498	-----	N/A -----		1
3000:	-----	N/A	-----		0	1506	-----	N/A -----		1
3500:					0	1514	-----	N/A -----		1

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.558	.2773	11.952	11.169	11
10:	11.309	.2652	11.690	10.943	11
20:	11.059	.2532	11.427	10.710	11
30:	10.810	.2417	11.164	10.466	11
50:	10.312	.2197	10.638	9.979	11
75:	9.687	.1900	9.981	9.379	11
100:	9.122	.1635	9.365	8.858	11
125:	8.648	.1439	8.865	8.421	11
150:	8.257	.1288	8.464	8.059	11
175:	7.911	.1201	8.119	7.734	11
200:	7.584	.1153	7.791	7.421	11
225:	7.270	.1092	7.470	7.116	11
250:	6.963	.1047	7.161	6.817	11
300:	6.370	.0939	6.552	6.242	11
400:	5.257	.0859	5.491	5.143	11
500:	4.234	.0674	4.384	4.145	11
600:	3.279	.0505	3.395	3.207	11
700:	2.385	.0360	2.469	2.331	11
800:	1.544	.0212	1.589	1.509	11
900:	.752	.0131	.783	.733	11
1000:	.000	.0000	.000	.000	11
1200:	-1.400	.0327	-1.359	-1.477	7
1500:	-3.291	.0534	-3.199	-3.355	7
2000:	-6.087	-----	N/A -----		1
2500:	-8.590	-----	N/A -----		1
3000:	-10.915	-----	N/A -----		1
3500:	-13.201	-----	N/A -----		1

Table 25. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 12.

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.21	.403	14.53	13.62	4	32.475	.0756	32.540	32.366	4
24.4:	13.25	.339	13.83	12.50	16	32.489	.0699	32.610	32.360	16
24.6:	12.36	.440	13.45	11.48	23	32.538	.0928	32.770	32.360	23
24.8:	11.35	.414	12.47	10.55	29	32.560	.0914	32.783	32.364	29
25.0:	10.30	.408	11.48	9.47	39	32.583	.0874	32.802	32.394	39
25.2:	9.21	.398	10.44	8.21	52	32.602	.0843	32.824	32.442	52
25.4:	8.12	.438	9.32	7.07	68	32.633	.0863	32.840	32.485	68
25.6:	6.90	.391	7.80	6.02	103	32.657	.0753	32.850	32.525	103
25.8:	5.88	.399	7.13	4.85	136	32.739	.0652	32.975	32.580	136
26.0:	5.23	.432	6.90	4.15	154	32.897	.0685	33.209	32.740	154
26.2:	5.03	.402	6.70	4.21	154	33.121	.0611	33.424	33.001	154
26.4:	4.97	.397	6.51	4.24	154	33.364	.0589	33.622	33.266	154
26.6:	4.94	.423	6.22	3.94	153	33.609	.0605	33.801	33.471	153
26.8:	4.55	.333	5.36	3.77	153	33.804	.0451	33.920	33.701	153
27.0:	3.94	.128	4.28	3.59	146	33.977	.0161	34.021	33.934	146
27.2:	3.58	.054	3.80	3.45	129	34.183	.0067	34.209	34.165	129
27.4:	2.99	.045	3.18	2.87	129	34.363	.0054	34.386	34.349	129
		DEPTH					SVA			
24.2:	17	12.4	32	2	4	373.2	.24	373.4	372.9	4
24.4:	19	11.1	35	3	16	354.2	.21	354.5	353.9	16
24.6:	26	8.2	40	8	23	335.2	.18	335.6	334.8	23
24.8:	29	8.4	42	10	29	316.1	.18	316.4	315.8	29
25.0:	33	9.7	53	16	39	297.1	.20	297.5	296.6	39
25.2:	37	12.0	59	2	52	278.1	.22	278.6	277.6	52
25.4:	44	18.1	98	1	68	259.2	.28	260.3	258.6	68
25.6:	59	22.4	105	2	103	240.3	.28	241.1	239.6	103
25.8:	81	23.7	123	6	136	221.4	.25	222.0	220.6	136
26.0:	107	14.5	131	59	154	202.6	.15	203.0	202.0	154
26.2:	120	14.3	152	64	154	183.7	.15	184.0	183.1	154
26.4:	132	15.3	168	69	154	164.9	.17	165.3	164.3	154
26.6:	150	16.0	190	111	153	146.1	.20	146.7	145.7	153
26.8:	210	21.7	265	155	153	127.6	.28	128.5	127.1	153
27.0:	367	25.1	436	270	146	109.8	.27	110.6	108.8	146
27.2:	594	28.3	659	531	129	92.3	.23	92.9	91.9	129
27.4:	943	32.8	1030	870	129	74.9	.17	75.4	74.6	129

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.2:	14.20	.407	14.53	13.61	4	371.1	2.45	372.8	367.5	4
24.4:	13.24	.341	13.83	12.49	16	351.5	2.59	353.6	343.5	16
24.6:	12.36	.440	13.44	11.47	23	331.5	3.62	334.7	322.6	23
24.8:	11.35	.414	12.46	10.54	29	312.1	4.11	315.7	304.2	29
25.0:	10.30	.407	11.47	9.47	39	292.9	3.79	297.5	282.8	39
25.2:	9.21	.398	10.44	8.21	52	274.5	3.26	277.6	264.2	52
25.4:	8.11	.439	9.32	7.08	68	256.4	2.36	258.6	247.9	68
25.6:	6.89	.391	7.80	6.01	103	238.4	1.40	239.6	233.6	103
25.8:	5.87	.399	7.12	4.85	136	219.9	.62	220.6	217.5	136
26.0:	5.22	.432	6.90	4.14	154	200.8	.64	201.5	197.2	154
26.2:	5.02	.402	6.69	4.20	154	181.8	.56	182.5	178.6	154
26.4:	4.96	.398	6.51	4.23	154	162.9	.36	163.5	161.5	154
26.6:	4.92	.423	6.20	3.93	153	144.3	.17	144.5	143.9	153
26.8:	4.53	.332	5.34	3.75	153	125.4	.05	125.5	125.3	153
27.0:	3.91	.126	4.24	3.57	146	106.2	.12	106.4	106.0	146
27.2:	3.54	.053	3.76	3.41	129	87.3	.05	87.3	87.1	129
27.4:	2.92	.046	3.12	2.79	129	68.2	.04	68.3	68.1	129
		DELTA D					POT. ENERGY			
24.2:	.66	.485	1.24	.07	4	.08	.091	.21	.00	4
24.4:	.71	.421	1.36	.10	16	.09	.084	.24	.00	16
24.6:	.95	.303	1.46	.27	23	.14	.077	.28	.01	23
24.8:	1.02	.317	1.56	.32	29	.16	.086	.32	.02	29
25.0:	1.12	.352	1.80	.47	39	.21	.118	.47	.04	39
25.2:	1.19	.405	1.95	.05	52	.25	.141	.56	.00	52
25.4:	1.35	.536	2.66	.02	68	.35	.251	1.34	.00	68
25.6:	1.63	.610	2.86	.09	103	.55	.344	1.47	.00	103
25.8:	2.09	.607	3.15	.13	136	.91	.423	1.89	.00	136
26.0:	2.60	.391	3.53	1.48	154	1.39	.352	2.09	.46	154
26.2:	2.86	.396	3.99	1.74	154	1.69	.389	2.69	.52	154
26.4:	3.07	.414	4.23	1.83	154	1.97	.436	3.08	.57	154
26.6:	3.35	.428	4.52	2.23	153	2.37	.499	3.65	1.20	153
26.8:	4.16	.475	5.25	2.94	153	3.88	.758	5.75	2.07	153
27.0:	6.02	.490	7.10	4.89	146	9.39	1.270	12.98	5.75	146
27.2:	8.30	.519	9.39	7.18	129	20.67	2.060	25.94	16.31	129
27.4:	11.22	.535	12.58	10.06	129	43.64	3.210	52.16	36.79	129

STD SIGMA T	DELTA -DN MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.2:	11.404	.5963	12.041	10.859	3	12.081	.0251	12.109	12.061	3
24.4:	11.421	.3881	12.070	10.747	14	12.092	.1611	12.298	11.820	14
24.6:	11.036	.2982	11.551	10.518	21	11.936	.2594	12.250	11.414	21
24.8:	10.945	.2799	11.533	10.488	26	11.868	.2298	12.204	11.362	26
25.0:	10.742	.2608	11.274	10.055	33	11.759	.2345	12.151	11.309	33
25.2:	10.641	.3309	11.287	9.905	43	11.688	.2236	12.091	11.254	43
25.4:	10.501	.4366	11.790	9.632	56	11.610	.2289	12.008	10.987	56
25.6:	10.079	.4596	11.523	9.131	84	11.519	.2430	12.046	10.820	84
25.8:	9.565	.4539	10.925	8.726	113	11.369	.2319	11.845	10.781	113
26.0:	9.033	.2345	10.257	8.576	130	11.171	.2171	11.632	10.690	130
26.2:	8.769	.2328	10.165	8.335	130	10.957	.2028	11.407	10.532	130
26.4:	8.559	.2394	10.082	8.140	130	10.722	.1904	11.219	10.337	130
26.6:	8.288	.1982	8.762	7.858	129	10.458	.1720	10.881	10.107	129
26.8:	7.469	.1991	7.983	6.962	129	10.146	.1536	10.531	9.832	129
27.0:	5.568	.1830	6.087	5.046	129	9.640	.1208	9.944	9.375	129
27.2:	3.275	.2057	3.726	2.765	129	8.808	.0757	8.974	8.627	129
27.4:	.351	.2426	.887	-.306	129	7.487	.0223	7.536	7.436	129

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
24.2:	----- N/A -----				0	1502	1.4	1503	1500	4
24.4:	----- N/A -----				0	1498	1.1	1501	1497	16
24.6:	5.90	.891	6.53	5.27	2	1496	1.6	1500	1493	23
24.8:	6.02	1.209	6.88	5.17	2	1492	1.5	1497	1490	29
25.0:	6.11	1.471	7.15	5.07	2	1488	1.5	1493	1486	39
25.2:	6.44	1.013	7.30	4.98	4	1485	1.6	1490	1481	52
25.4:	6.46	1.082	7.38	4.90	4	1481	1.8	1486	1477	68
25.6:	6.66	1.075	7.54	4.83	5	1476	1.6	1481	1473	103
25.8:	6.70	.979	7.39	4.80	6	1472	1.8	1478	1467	136
26.0:	6.58	.602	7.10	5.39	7	1470	1.8	1477	1467	154
26.2:	6.13	.312	6.46	5.58	7	1470	1.7	1477	1467	154
26.4:	5.44	.277	5.70	4.99	7	1470	1.7	1476	1468	154
26.6:	4.65	.328	5.00	4.06	7	1471	1.8	1477	1467	153
26.8:	3.52	.194	3.81	3.19	7	1470	1.5	1475	1467	153
27.0:	1.76	.136	1.92	1.59	7	1471	.8	1474	1469	146
27.2:	.88	.128	1.06	.74	6	1473	.6	1475	1473	129
27.4:	.57	.052	.62	.49	6	1477	.5	1478	1476	129

Table 26. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, by months, for Station 12.

JANUARY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.65	.450	7.53	6.20	7	32.610	.0799	32.763	32.528	7
25.8:	5.96	.417	6.81	5.42	11	32.758	.0699	32.906	32.668	11
26.0:	5.43	.466	6.15	4.69	12	32.931	.0699	33.037	32.818	12
26.2:	5.02	.504	5.79	4.23	12	33.120	.0817	33.235	33.003	12
26.4:	4.66	.491	5.60	4.24	12	33.351	.0700	33.458	33.266	12
26.6:	4.80	.460	5.53	4.07	12	33.589	.0645	33.694	33.489	12
26.8:	4.55	.386	5.36	3.93	12	33.805	.0533	33.920	33.721	12
27.0:	3.94	.137	4.11	3.69	11	33.977	.0176	34.999	33.943	11
27.2:	3.58	.063	3.68	3.48	10	34.183	.0077	34.194	34.170	10
27.4:	2.99	.046	3.08	2.92	10	34.363	.0054	34.373	34.356	10
	DEPTH					SVA				
25.6:	79	35.6	105	2	7	240.6	.45	241.0	239.6	7
25.8:	97	10.4	111	79	11	221.6	.15	221.9	221.4	11
26.0:	105	10.2	120	89	12	202.6	.16	203.0	202.4	12
26.2:	116	9.0	130	100	12	183.6	.17	184.0	183.4	12
26.4:	127	9.6	141	111	12	164.8	.17	165.1	164.5	12
26.6:	143	11.6	159	122	12	146.0	.21	146.4	145.7	12
26.8:	201	26.3	257	162	12	127.6	.37	128.4	127.1	12
27.0:	364	31.7	434	321	11	109.7	.35	110.5	109.3	11
27.2:	587	36.0	659	541	10	92.3	.29	92.9	91.9	10
27.4:	933	42.8	1008	877	10	74.9	.22	75.2	74.6	10
	THETA					SVA (THETA)				
25.6:	6.64	.449	7.52	6.19	7	238.9	.57	239.5	238.0	7
25.8:	5.96	.418	6.80	5.41	11	219.5	.83	220.5	218.3	11
26.0:	5.42	.466	6.14	4.68	12	200.4	.60	201.4	199.4	12
26.2:	5.01	.54	5.78	4.22	12	181.9	.55	182.5	180.7	12
26.4:	4.85	.489	5.58	4.23	12	162.8	.30	163.4	162.4	12
26.6:	4.79	.456	5.51	4.06	12	144.3	.16	144.5	144.0	12
26.8:	4.54	.385	5.34	3.91	12	125.5	.05	125.5	125.4	12
27.0:	3.91	.137	4.08	3.66	11	106.2	.10	106.4	106.1	11
27.2:	3.54	.069	3.65	3.44	10	87.2	.05	87.3	87.2	10
27.4:	2.93	.047	3.02	2.86	10	68.2	.03	68.2	68.1	10
	DELTA D					POT. ENERGY				
25.6:	2.00	.891	2.60	.08	7	.96	.473	1.39	.00	7
25.8:	2.37	.308	2.81	1.83	11	1.20	.274	1.60	.74	11
26.0:	2.52	.314	3.00	1.94	12	1.37	.289	1.82	.88	12
26.2:	2.72	.284	3.19	2.21	12	1.59	.277	2.07	1.14	12
26.4:	2.92	.286	3.37	2.41	12	1.83	.300	2.32	1.35	12
26.6:	3.17	.312	3.60	2.62	12	2.19	.366	2.66	1.55	12
26.8:	3.94	.506	4.86	3.16	12	3.59	.894	5.47	2.34	12
27.0:	5.87	.561	7.06	5.08	11	9.19	1.637	12.94	6.95	11
27.2:	8.12	.626	9.39	7.25	10	20.20	2.696	25.94	16.89	10
27.4:	11.00	.645	12.09	10.06	10	42.65	4.164	49.11	37.29	10
	DELTA -DH					ACC. POT.				
25.6:	9.908	.9041	11.523	9.837	5	11.639	.2301	12.036	11.483	5
25.8:	9.180	.1336	9.352	8.915	9	11.307	.2550	11.830	10.931	9
26.0:	8.961	.1196	9.163	8.813	10	11.078	.2533	11.610	10.756	10
26.2:	8.745	.1604	8.970	8.445	10	10.869	.2384	11.371	10.573	10
26.4:	8.557	.1675	8.790	8.265	10	10.641	.2259	11.114	10.367	10
26.6:	8.311	.1859	8.556	8.077	10	10.391	.2146	10.839	10.140	10
26.8:	7.577	.1703	7.832	7.263	10	10.094	.2010	10.512	9.868	10
27.0:	5.576	.2462	5.957	5.092	10	9.607	.1592	9.925	9.421	10
27.2:	3.309	.2608	3.640	2.765	10	8.780	.0956	8.942	8.664	10
27.4:	.422	.3152	.823	-.136	10	7.480	.0304	7.522	7.441	10
	OXYGEN					SOUND				
25.6:	----- N/A -----				0	1475	2.2	1480	1473	7
25.8:	----- N/A -----				0	1473	1.8	1477	1471	11
26.0:	----- N/A -----				0	1471	2.0	1475	1469	12
26.2:	----- N/A -----				0	1470	2.4	1474	1467	12
26.4:	----- N/A -----				0	1470	2.2	1474	1468	12
26.6:	----- N/A -----				0	1470	2.1	1474	1468	12
26.8:	----- N/A -----				0	1470	1.9	1475	1468	12
27.0:	----- N/A -----				0	1471	.9	1473	1470	11
27.2:	----- N/A -----				0	1473	.7	1475	1473	10
27.4:	----- N/A -----				0	1477	.6	1478	1476	10

FEBRUARY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.94	----- N/A -----			1	32.650	----- N/A -----			1
25.8:	5.94	.433	6.59	5.68	4	32.752	.0765	32.866	32.705	4
26.0:	5.39	.515	6.26	4.49	8	32.920	.0799	33.066	32.785	8
26.2:	5.14	.476	5.95	4.38	8	33.141	.0670	33.252	33.038	8
26.4:	4.99	.517	6.03	4.28	8	33.370	.0746	33.523	33.273	8
26.6:	4.91	.514	5.94	4.22	8	33.606	.0749	33.759	33.509	8
26.8:	4.58	.303	5.09	3.98	8	33.808	.0414	33.880	33.728	8
27.0:	3.92	.127	4.06	3.69	8	33.974	.0165	33.993	33.944	8
27.2:	3.57	.060	3.67	3.48	8	34.181	.0073	34.192	34.169	8
27.4:	2.97	.041	3.01	2.88	8	34.360	.0046	34.365	34.351	8
	DEPTH					SVA				
25.6:	101	----- N/A -----			1	240.9	----- N/A -----			1
25.8:	108	1.0	110	107	4	221.7	.05	221.8	221.7	4
26.0:	111	19.5	127	68	8	202.7	.22	202.9	202.3	8
26.2:	122	17.7	136	82	8	183.7	.20	184.0	183.4	8
26.4:	133	16.7	145	94	8	164.9	.24	165.3	164.5	8
26.6:	151	17.7	163	111	8	146.1	.26	146.6	145.8	8
26.8:	209	19.3	240	174	8	127.6	.29	128.3	127.4	8
27.0:	378	25.6	436	356	8	109.8	.31	110.5	109.5	8
27.2:	600	30.5	658	569	8	92.4	.27	92.9	92.0	8
27.4:	955	20.8	988	934	8	75.0	.13	75.2	74.8	8
	THETA					SVA (THETA)				
25.6:	6.93	----- N/A -----			1	239.4	----- N/A -----			1
25.8:	5.93	.433	6.58	5.67	4	219.7	.62	220.1	218.8	4
26.0:	5.38	.514	6.25	4.48	8	200.9	.55	201.5	199.8	8
26.2:	5.13	.473	5.94	4.38	8	181.6	.37	182.2	181.2	8
26.4:	4.98	.517	6.02	4.27	8	162.8	.16	162.9	162.5	8
26.6:	4.90	.516	5.93	4.20	8	144.2	.14	144.5	144.1	8
26.8:	4.56	.301	5.07	3.97	8	125.4	.05	125.5	125.4	8
27.0:	3.89	.123	4.03	3.67	8	106.2	.12	106.4	106.1	8
27.2:	3.53	.056	3.62	3.44	8	87.2	.08	87.3	87.1	8
27.4:	2.90	.038	2.94	2.82	8	68.2	.04	68.2	68.1	8
	DELTA D					POT. ENERGY				
25.6:	2.45	----- N/A -----			1	1.27	----- N/A -----			1
25.8:	2.53	.061	2.62	2.49	4	1.41	.033	1.45	1.38	4
26.0:	2.52	.479	2.88	1.48	8	1.48	.458	1.86	.51	8
26.2:	2.72	.436	3.06	1.76	8	1.71	.454	2.10	.73	8
26.4:	2.92	.424	3.22	1.97	8	1.97	.467	2.33	.92	8
26.6:	3.19	.442	3.56	2.23	8	2.37	.538	2.77	1.20	8
26.8:	3.98	.460	4.63	3.07	8	3.83	.739	4.93	2.41	8
27.0:	5.98	.512	6.96	5.24	8	9.85	1.440	12.98	8.28	8
27.2:	8.24	.536	9.24	7.67	8	21.18	2.294	25.74	18.99	8
27.4:	11.23	.453	12.00	10.71	8	44.88	2.397	48.91	42.77	8
	DELTA -DH					ACC. POT.				
25.6:	9.604	----- N/A -----			1	12.046	----- N/A -----			1
25.8:	9.223	.1469	9.434	9.115	4	11.650	.1469	11.845	11.516	4
26.0:	8.963	.2656	9.452	8.698	8	11.245	.2404	11.632	10.835	8
26.2:	8.766	.2479	9.171	8.522	8	11.023	.2158	11.407	10.691	8
26.4:	8.565	.2158	8.958	8.357	8	10.780	.1954	11.159	10.523	8
26.6:	8.292	.2056	8.697	8.065	8	10.515	.1776	10.881	10.330	8
26.8:	7.505	.1758	7.863	7.310	8	10.199	.1540	10.531	10.089	8
27.0:	5.503	.1986	5.693	5.092	8	9.689	.1220	9.944	9.574	8
27.2:	3.240	.2285	3.508	2.812	8	8.837	.0743	8.974	8.757	8
27.4:	.257	.1543	.419	.018	8	7.494	.0160	7.521	7.478	8
	OXYGEN					SOUND				
25.6:		----- N/A -----			0	1477	----- N/A -----			1
25.8:		----- N/A -----			0	1473	1.5	1476	1473	4
26.0:	6.56	----- N/A -----			1	1471	2.1	1475	1468	8
26.2:	6.24	----- N/A -----			1	1471	2.2	1475	1468	8
26.4:	5.52	----- N/A -----			1	1471	2.4	1476	1468	8
26.6:	4.74	----- N/A -----			1	1471	2.4	1476	1468	8
26.8:	3.58	----- N/A -----			1	1471	1.4	1474	1469	8
27.0:	1.85	----- N/A -----			1	1471	1.1	1473	1470	8
27.2:	.74	----- N/A -----			1	1473	.6	1475	1473	8
27.4:	.62	----- N/A -----			1	1477	.5	1478	1477	8

MARCH

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.53	.191	6.67	6.40	2	32.582	.0281	32.602	32.562	2
25.8:	5.98	.141	6.13	5.80	4	32.755	.0278	32.786	32.724	4
26.0:	5.45	.258	5.90	5.09	12	32.933	.0437	33.003	32.868	12
26.2:	5.35	.325	5.85	4.59	12	33.173	.0510	33.242	33.053	12
26.4:	5.31	.361	6.09	4.76	12	33.416	.0531	33.530	33.328	12
26.6:	5.25	.461	6.22	4.71	12	33.654	.0695	33.801	33.575	12
26.8:	4.72	.346	5.35	4.06	12	33.828	.0484	33.918	33.739	12
27.0:	4.01	.136	4.26	3.75	12	33.987	.0176	34.021	33.954	12
27.2:	3.62	.038	3.67	3.54	11	34.187	.0049	34.194	34.177	11
27.4:	3.00	.039	3.06	2.95	11	34.365	.0049	34.372	34.358	11
	DEPTH					SVA				
25.6:	49	41.7	79	20	2	240.2	.42	240.5	239.9	2
25.8:	94	8.7	102	83	4	221.6	.08	221.7	221.5	4
26.0:	105	16.6	129	78	12	202.6	.14	202.8	202.4	12
26.2:	114	17.1	141	86	12	183.7	.15	183.8	183.4	12
26.4:	124	17.7	157	95	12	164.9	.19	165.1	164.6	12
26.6:	141	19.6	174	112	12	146.1	.26	146.6	145.8	12
26.8:	207	27.9	250	172	12	127.7	.40	128.5	127.3	12
27.0:	369	32.3	434	330	12	109.8	.37	110.6	109.5	12
27.2:	588	36.1	650	531	11	92.3	.29	92.9	91.9	11
27.4:	935	32.6	983	884	11	74.9	.18	75.2	74.6	11
	THETA					SVA (THETA)				
25.6:	6.53	.191	6.67	6.40	2	239.4	.21	239.6	239.3	2
25.8:	5.97	.141	6.12	5.79	4	219.8	.57	220.5	219.2	4
26.0:	5.44	.258	5.89	5.08	12	200.5	.55	201.4	199.3	12
26.2:	5.34	.325	5.84	4.58	12	181.4	.81	182.5	180.3	12
26.4:	5.30	.361	6.08	4.75	12	162.8	.40	163.4	162.0	12
26.6:	5.24	.460	6.20	4.70	12	144.3	.12	144.5	144.1	12
26.8:	4.70	.343	5.33	4.05	12	125.4	.05	125.5	125.4	12
27.0:	3.98	.130	4.24	3.73	12	106.2	.09	106.4	106.1	12
27.2:	3.58	.037	3.63	3.50	11	87.2	.08	87.3	87.1	11
27.4:	2.94	.041	3.00	2.88	11	68.2	.03	68.2	68.1	11
	DELTA D					POT. ENERGY				
STD SIGMA T	MEAN	S.D.	MAX	MIN	N	MEAN	S.D.	MAX	MIN	N
25.6:	1.20	1.025	1.93	.48	2	.41	.516	.78	.05	2
25.8:	2.23	.229	2.47	1.95	4	1.08	.209	1.29	.82	4
26.0:	2.36	.387	2.83	1.70	12	1.29	.399	1.85	.67	12
26.2:	2.54	.397	3.21	1.86	12	1.50	.443	2.24	.81	12
26.4:	2.72	.410	3.50	2.01	12	1.72	.494	2.68	.95	12
26.6:	2.98	.440	3.76	2.27	12	2.08	.577	3.12	1.23	12
26.8:	3.87	.530	4.48	3.21	12	3.69	.957	4.98	2.63	12
27.0:	5.80	.550	6.73	5.13	12	9.39	1.701	12.68	7.50	12
27.2:	8.01	.567	8.93	7.22	11	20.28	2.658	24.88	16.31	11
27.4:	10.92	.493	11.70	10.16	11	42.89	3.302	47.90	37.58	11
	DELTA -DH					ACC. POT.				
25.6:	10.328	1.2473	11.210	9.446	2	11.522	.2369	11.690	11.355	2
25.8:	9.398	.3783	9.751	8.898	4	11.495	.2222	11.671	11.171	4
26.0:	9.002	.3065	9.552	8.607	11	11.103	.2702	11.480	10.762	11
26.2:	8.820	.2940	9.329	8.478	11	10.897	.2574	11.272	10.555	11
26.4:	8.642	.2744	9.038	8.189	11	10.676	.2428	11.048	10.337	11
26.6:	8.384	.2252	8.757	7.931	11	10.432	.2250	10.792	10.107	11
26.8:	7.503	.2145	7.815	7.214	11	10.132	.1969	10.452	9.832	11
27.0:	5.549	.2602	5.826	5.046	11	9.628	.1552	9.883	9.375	11
27.2:	3.311	.2690	3.726	2.846	11	8.798	.0903	8.941	8.640	11
27.4:	.406	.2390	.778	.053	11	7.485	.0232	7.516	7.439	11
	OXYGEN					SOUND				
25.6:	----- N/A -----				0	1475	.0	1475	1475	2
25.8:	----- N/A -----				0	1473	.5	1474	1473	4
26.0:	----- N/A -----				0	1471	1.1	1474	1470	12
26.2:	----- N/A -----				0	1471	1.3	1474	1469	12
26.4:	----- N/A -----				0	1472	1.5	1475	1470	12
26.6:	----- N/A -----				0	1472	2.1	1477	1471	12
26.8:	----- N/A -----				0	1471	1.8	1475	1469	12
27.0:	----- N/A -----				0	1471	1.0	1474	1471	12
27.2:	----- N/A -----				0	1473	.7	1475	1473	11
27.4:	----- N/A -----				0	1477	.6	1478	1476	11

APRIL

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	6.64	----- N/A -----			1
25.8:	5.48	.380	5.90	4.85	9
26.0:	4.96	.383	5.59	4.43	13
26.2:	4.90	.326	5.44	4.29	13
26.4:	4.85	.323	5.60	4.31	13
26.6:	4.81	.434	5.61	4.18	13
26.8:	4.39	.342	4.92	3.87	13
27.0:	3.87	.138	4.05	3.62	13
27.2:	3.55	.040	3.62	3.50	10
27.4:	2.99	.040	3.04	2.90	10

SALINITY

MEAN	S.D.	MAX	MIN	N
32.600	----- N/A -----			1
32.675	.0592	32.738	32.580	9
32.857	.0563	32.953	32.758	13
33.102	.0463	33.179	33.020	13
33.346	.0458	33.457	33.270	13
33.590	.0613	33.704	33.504	13
33.783	.0457	33.856	33.714	13
33.969	.0167	33.990	33.940	13
34.179	.0054	34.187	34.172	10
34.363	.0048	34.369	34.353	10

DEPTH

25.6:	57	----- N/A -----			1
25.8:	70	43.3	118	6	9
26.0:	114	10.6	131	96	13
26.2:	127	9.1	142	113	13
26.4:	139	9.3	157	130	13
26.6:	156	12.2	177	133	13
26.8:	215	13.6	233	193	13
27.0:	365	22.0	411	329	13
27.2:	592	34.1	659	553	10
27.4:	941	37.4	997	887	10

SVA

240.3	----- N/A -----				1
221.3	.45	221.9	220.6		9
202.6	.13	202.9	202.5		13
183.7	.10	183.9	183.6		13
164.9	.13	165.1	164.7		13
146.1	.19	146.4	145.8		13
127.6	.21	127.9	127.3		13
109.7	.25	110.2	109.2		13
92.3	.29	92.9	91.9		10
74.9	.19	75.2	74.7		10

THETA

25.6:	6.63	----- N/A -----			1
25.8:	5.47	.378	5.89	4.85	9
26.0:	4.96	.383	5.56	4.27	13
26.2:	4.89	.327	5.44	4.28	13
26.4:	4.84	.323	5.59	4.30	13
26.6:	4.80	.434	5.60	4.17	13
26.8:	4.37	.340	4.90	3.86	13
27.0:	3.85	.137	4.02	3.60	13
27.2:	3.51	.039	3.58	3.46	10
27.4:	2.92	.042	2.98	2.83	10

SVA (THETA)

239.3	----- N/A -----				1
220.2	.46	220.6	219.1		9
201.0	.44	201.5	200.0		13
181.9	.37	182.4	181.2		13
163.0	.22	163.4	162.7		13
144.3	.14	144.5	144.1		13
125.4	.05	125.5	125.4		13
106.2	.15	106.4	106.0		13
87.2	.05	87.3	87.2		10
68.2	.03	68.2	68.1		10

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.6:	1.40	----- N/A -----			1
25.8:	1.63	1.031	2.79	.13	9
26.0:	2.55	.278	3.02	2.15	13
26.2:	2.81	.228	3.19	2.47	13
26.4:	3.02	.227	3.34	2.66	13
26.6:	3.27	.277	3.67	2.72	13
26.8:	4.08	.278	4.47	3.52	13
27.0:	5.86	.365	6.61	5.36	13
27.2:	8.13	.498	9.15	7.57	10
27.4:	11.06	.485	11.98	10.48	10

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.41	----- N/A -----			1
.79	.685	1.67	.00	9
1.61	.299	2.00	1.11	13
1.82	.267	2.23	1.45	13
2.11	.288	2.57	1.75	13
2.50	.380	3.15	1.83	13
4.04	.495	4.74	3.18	13
9.34	1.091	11.59	7.68	13
20.56	2.423	25.49	17.86	10
43.47	3.598	49.42	39.45	10

DELTA -DH

25.6:	10.107	----- N/A -----			1
25.8:	9.715	.8991	10.925	8.726	6
26.0:	8.877	.2382	9.229	8.576	10
26.2:	8.643	.2143	9.032	8.335	10
26.4:	8.453	.1741	8.737	8.140	10
26.6:	8.201	.1712	8.388	7.858	10
26.8:	7.376	.1371	7.537	7.114	10
27.0:	5.586	.1492	5.814	5.323	10
27.2:	3.288	.2517	3.594	2.780	10
27.4:	.364	.2770	.768	-.048	10

ACC. POT.

11.496	----- N/A -----				1
11.463	.2270	11.813	11.179		6
11.211	.1863	11.572	11.017		10
10.981	.1819	11.315	10.776		10
10.731	.1790	11.044	10.515		10
10.460	.1724	10.748	10.232		10
10.134	.1619	10.406	9.894		10
9.626	.1392	9.883	9.431		10
8.802	.0881	8.956	8.678		10
7.487	.0260	7.524	7.454		10

OXYGEN

25.6:	----- N/A -----				0
25.8:	----- N/A -----				0
26.0:	----- N/A -----				0
26.2:	----- N/A -----				0
26.4:	----- N/A -----				0
26.6:	----- N/A -----				0
26.8:	----- N/A -----				0
27.0:	----- N/A -----				0
27.2:	----- N/A -----				0
27.4:	----- N/A -----				0

SOUND

1475	----- N/A -----			1
1470	2.2	1474	1467	9
1469	1.7	1473	1467	13
1470	1.3	1472	1468	13
1470	1.5	1474	1468	13
1470	1.9	1474	1468	13
1470	1.6	1473	1468	13
1471	.8	1472	1470	13
1473	.7	1475	1473	10
1477	.5	1478	1477	10

MAY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.63	.235	7.03	6.29	13	32.603	.0370	32.670	32.549	13
25.8:	5.72	.406	6.38	5.01	25	32.712	.0648	32.831	32.604	25
26.0:	5.14	.441	5.99	4.44	26	32.884	.0689	33.035	32.782	26
26.2:	5.01	.358	5.70	4.32	26	33.119	.0526	33.225	33.023	26
26.4:	4.96	.325	5.47	4.38	26	33.363	.0484	33.439	33.272	26
26.6:	4.93	.332	5.30	4.22	26	33.608	.0469	33.662	33.506	26
26.8:	4.53	.342	4.90	3.86	26	33.801	.0457	33.852	33.713	26
27.0:	3.94	.150	4.16	3.63	25	33.977	.0187	34.004	33.938	25
27.2:	3.59	.072	3.80	3.49	21	34.184	.0090	34.209	34.171	21
27.4:	2.99	.062	3.18	2.87	21	34.364	.0075	34.386	34.349	21
	DEPTH					SVA				
25.6:	44	22.9	76	4	13	240.1	.28	240.5	239.6	13
25.8:	76	30.2	123	12	25	221.4	.31	222.0	220.7	25
26.0:	111	14.5	131	85	26	202.6	.14	203.0	202.4	26
26.2:	123	15.7	151	95	26	183.7	.13	183.9	183.5	26
26.4:	135	17.3	168	106	26	164.9	.17	165.2	164.7	26
26.6:	152	20.4	190	120	26	146.1	.20	146.5	145.9	26
26.8:	210	21.7	249	174	26	127.6	.24	128.0	127.3	26
27.0:	358	28.2	394	270	25	109.7	.30	110.1	108.8	25
27.2:	590	25.8	636	543	21	92.3	.22	92.7	91.9	21
27.4:	937	23.9	986	895	21	74.9	.16	75.4	74.7	21
	THETA					SVA (THETA)				
25.6:	6.63	.234	7.02	6.28	13	239.0	.63	239.5	237.2	13
25.8:	5.71	.406	6.38	5.00	25	220.1	.53	220.5	217.9	25
26.0:	5.13	.441	5.98	4.43	26	200.9	.61	201.5	198.9	26
26.2:	5.00	.358	5.69	4.31	26	181.8	.45	182.5	181.0	26
26.4:	4.95	.326	5.47	4.33	26	162.9	.39	163.5	162.3	26
26.6:	4.92	.334	5.29	4.20	26	144.3	.16	144.5	144.0	26
26.8:	4.51	.342	4.88	3.84	26	125.4	.06	125.5	125.3	26
27.0:	3.91	.149	4.13	3.60	25	106.2	.11	106.4	106.0	25
27.2:	3.55	.072	3.76	3.45	21	87.3	.05	87.3	87.2	21
27.4:	2.93	.063	3.12	2.80	21	68.2	.04	68.2	68.1	21
	DELTA D					POT. ENERGY				
STD SIGMA T	MEAN	S.D.	MAX	MIN	N	MEAN	S.D.	MAX	MIN	N
25.6:	1.12	.574	1.93	.10	13	.32	.245	.75	.00	13
25.8:	1.81	.748	3.01	.28	25	.81	.514	1.89	.02	25
26.0:	2.55	.369	3.17	1.90	26	1.45	.378	2.09	.82	26
26.2:	2.80	.381	3.39	2.18	26	1.75	.435	2.51	1.07	26
26.4:	3.00	.408	3.69	2.40	26	2.03	.510	3.01	1.29	26
26.6:	3.27	.454	4.04	2.59	26	2.43	.627	3.65	1.53	26
26.8:	4.05	.444	4.84	3.29	26	3.89	.796	5.45	2.60	26
27.0:	5.79	.457	6.47	4.89	25	6.97	1.302	10.81	5.75	25
27.2:	8.12	.472	8.80	7.38	21	20.37	1.897	23.60	17.09	21
27.4:	11.03	.411	11.75	10.38	21	43.02	2.394	48.01	39.06	21
	DELTA -DH					ACC. POT.				
25.6:	10.260	.4562	11.036	9.540	8	11.660	.2085	11.885	11.387	8
25.8:	9.670	.6366	10.868	8.838	20	11.324	.2512	11.709	10.996	20
26.0:	8.993	.1769	9.268	8.657	21	11.154	.2236	11.473	10.830	21
26.2:	8.702	.1619	9.151	8.447	21	10.935	.2017	11.239	10.638	21
26.4:	8.499	.1764	8.954	8.152	21	10.696	.1765	10.954	10.429	21
26.6:	8.262	.1991	8.726	7.942	21	10.433	.1517	10.667	10.202	21
26.8:	7.456	.2095	7.814	7.086	21	10.121	.1303	10.334	9.911	21
27.0:	5.629	.1629	5.853	5.364	21	9.623	.1033	9.797	9.425	21
27.2:	3.303	.1940	3.654	2.979	21	8.798	.0605	8.912	8.689	21
27.4:	.397	.1764	.705	.031	21	7.484	.0191	7.536	7.459	21
	OXYGEN					SOUND				
25.6:	7.54	----- N/A -----			1	1475	1.0	1477	1474	13
25.8:	7.34	.064	7.39	7.30	2	1472	1.7	1475	1469	25
26.0:	7.00	.141	7.10	6.90	2	1470	1.7	1474	1468	26
26.2:	6.34	.071	6.39	6.29	2	1470	1.4	1473	1468	26
26.4:	5.69	.014	5.70	5.68	2	1471	1.4	1473	1468	26
26.6:	4.97	.042	5.00	4.94	2	1471	1.2	1473	1469	26
26.8:	3.69	.170	3.81	3.57	2	1470	1.4	1473	1468	26
27.0:	1.85	.014	1.86	1.84	2	1471	1.0	1473	1469	25
27.2:	.92	.191	1.06	.79	2	1473	.5	1475	1473	21
27.4:	.57	.064	.62	.53	2	1477	.4	1478	1477	21

JUNE

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.89	----- N/A -----			1
25.2:	8.99	.268	9.29	8.64	7
25.4:	8.10	.483	8.82	7.47	17
25.6:	6.97	.391	7.46	6.26	21
25.8:	5.84	.353	6.31	5.14	21
26.0:	5.12	.459	5.77	4.15	21
26.2:	4.98	.408	5.51	4.21	21
26.4:	5.00	.372	5.38	4.41	21
26.6:	5.05	.401	5.83	4.11	21
26.8:	4.63	.260	5.05	3.99	21
27.0:	3.99	.066	4.09	3.78	20
27.2:	3.59	.047	3.65	3.49	20
27.4:	2.99	.027	3.02	2.92	20

SALINITY

MEAN	S.D.	MAX	MIN	N
32.444	----- N/A -----			1
32.525	.0530	32.594	32.470	7
32.613	.0849	32.740	32.503	17
32.658	.0653	32.741	32.546	21
32.732	.0566	32.804	32.628	21
32.880	.0704	32.994	32.740	21
33.114	.0573	33.191	33.001	21
33.369	.0552	33.429	33.269	21
33.624	.0577	33.739	33.492	21
33.815	.0352	33.873	33.723	21
33.983	.0084	33.997	33.959	20
34.183	.0058	34.190	34.172	20
34.363	.0036	34.367	34.355	20

DEPTH

25.0:	29	----- N/A -----		1
25.2:	27	9.2	40	11	7
25.4:	27	15.1	52	1	17
25.6:	46	20.4	78	12	21
25.8:	74	19.6	104	27	21
26.0:	103	15.4	126	72	21
26.2:	118	16.0	136	85	21
26.4:	131	17.5	158	97	21
26.6:	147	19.7	181	117	21
26.8:	210	25.4	247	155	21
27.0:	370	22.4	404	319	20
27.2:	595	27.4	635	543	20
27.4:	943	29.5	982	892	20

SVA

297.2	----- N/A -----			1
278.1	.14	278.2	277.8	7
259.0	.20	259.3	258.6	17
240.2	.25	240.6	239.8	21
221.4	.21	221.7	220.9	21
202.5	.14	202.8	202.2	21
183.7	.17	184.0	183.3	21
164.9	.21	165.2	164.5	21
146.1	.26	146.7	145.7	21
127.7	.30	128.3	127.2	21
109.8	.19	110.1	109.4	20
92.3	.20	92.7	92.0	20
74.9	.17	75.2	74.6	20

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	9.88	----- N/A -----			1
25.2:	8.98	.268	9.28	8.64	7
25.4:	8.10	.483	8.82	7.47	17
25.6:	6.97	.391	7.46	6.25	21
25.8:	5.83	.351	6.31	5.13	21
26.0:	5.11	.459	5.76	4.14	21
26.2:	4.97	.408	5.51	4.20	21
26.4:	4.99	.372	5.37	4.30	21
26.6:	5.03	.400	5.82	4.10	21
26.8:	4.61	.258	5.03	3.93	21
27.0:	3.96	.065	4.07	3.76	20
27.2:	3.55	.047	3.61	3.45	20
27.4:	2.92	.028	2.96	2.85	20

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
296.6	----- N/A -----			1
276.9	.88	277.6	275.9	7
257.8	.98	258.6	256.2	17
239.3	.28	239.5	238.6	21
220.8	.53	220.5	218.6	21
200.9	.54	201.5	199.9	21
181.9	.36	182.5	181.2	21
163.0	.40	163.5	162.2	21
144.3	.18	144.5	143.9	21
125.5	.05	125.5	125.4	21
106.2	.13	106.4	106.0	20
87.2	.05	87.3	87.2	20
68.2	.05	68.3	68.1	20

DELTA D

25.0:	.87	----- N/A -----		1
25.2:	.80	.273	1.20	.32	7
25.4:	.75	.437	1.52	.02	17
25.6:	1.23	.551	2.07	.32	21
25.8:	1.86	.532	2.70	.65	21
26.0:	2.49	.396	3.00	1.65	21
26.2:	2.78	.393	3.30	1.91	21
26.4:	3.01	.421	3.68	2.12	21
26.6:	3.27	.453	4.04	2.41	21
26.8:	4.11	.504	4.87	2.94	21
27.0:	6.01	.478	6.68	5.08	20
27.2:	8.30	.500	8.99	7.18	20
27.4:	11.21	.531	11.98	10.20	20

POT. ENERGY

.13	----- N/A -----			1
.12	.071	.24	.02	7
.14	.120	.40	.00	17
.34	.265	.81	.02	21
.73	.365	1.37	.09	21
1.29	.361	1.82	.58	21
1.61	.412	2.16	.79	21
1.91	.489	2.73	.99	21
2.29	.590	3.36	1.34	21
3.85	.860	5.08	2.07	21
9.50	1.230	11.21	6.94	20
20.78	1.989	23.60	16.85	20
43.69	2.983	47.89	38.10	20

JUNE

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	10.827	----- N/A -----			1
25.2:	10.949	.3175	11.287	10.497	6
25.4:	10.905	.3969	11.790	10.170	16
25.6:	10.328	.4019	11.086	9.599	20
25.8:	9.692	.3212	10.205	9.114	20
26.0:	9.093	.1902	9.441	8.928	20
26.2:	8.801	.1592	9.178	8.564	20
26.4:	8.569	.1783	8.985	8.294	20
26.6:	8.310	.2128	8.762	7.931	20
26.8:	7.962	.2297	7.899	7.122	20
27.0:	5.596	.1640	5.894	5.241	20
27.2:	3.264	.2018	3.657	2.967	20
27.4:	.349	.2178	.734	.060	20

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	11.685	----- N/A -----			1
25.2:	11.736	.2175	12.032	11.563	6
25.4:	11.595	.2572	11.963	10.987	16
25.6:	11.464	.3051	11.868	10.820	20
25.8:	11.349	.2780	11.694	10.781	20
26.0:	11.180	.2525	11.486	10.690	20
26.2:	10.969	.2273	11.256	10.532	20
26.4:	10.736	.2017	10.994	10.337	20
26.6:	10.476	.1755	10.695	10.108	20
26.8:	10.162	.1449	10.349	9.844	20
27.0:	9.696	.1073	9.803	9.412	20
27.2:	8.814	.0697	8.913	8.672	20
27.4:	7.489	.0212	7.516	7.448	20

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			0
25.2:	6.86	----- N/A -----			1
25.4:	6.90	----- N/A -----			1
25.6:	6.86	----- N/A -----			1
25.8:	6.60	----- N/A -----			1
26.0:	6.25	----- N/A -----			1
26.2:	5.89	----- N/A -----			1
26.4:	5.35	----- N/A -----			1
26.6:	4.55	----- N/A -----			1
26.8:	3.50	----- N/A -----			1
27.0:	1.59	----- N/A -----			1
27.2:		----- N/A -----			0
27.4:		----- N/A -----			0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	1487	----- N/A -----			1
25.2:	1483	.9	1485	1483	7
25.4:	1480	1.8	1483	1478	17
25.6:	1476	1.4	1478	1474	21
25.8:	1472	1.5	1474	1469	21
26.0:	1470	1.9	1473	1467	21
26.2:	1470	1.7	1472	1467	21
26.4:	1470	1.6	1473	1468	21
26.6:	1471	1.7	1476	1468	21
26.8:	1471	1.1	1474	1469	21
27.0:	1471	.5	1472	1471	20
27.2:	1473	.5	1475	1473	20
27.4:	1477	.6	1478	1476	20

JULY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.98	----- N/A -----			1
24.6:	12.60	.594	13.02	12.18	2
24.8:	11.64	.460	11.97	11.32	2
25.0:	10.25	.431	10.89	9.97	4
25.2:	9.20	.356	9.75	8.76	6
25.4:	8.03	.366	8.53	7.44	6
25.6:	6.80	.407	7.40	6.16	6
25.8:	5.78	.416	6.36	5.31	6
26.0:	5.33	.360	5.88	4.91	6
26.2:	5.10	.325	5.60	4.76	6
26.4:	4.89	.312	5.35	4.51	6
26.6:	4.75	.402	5.25	4.27	6
26.8:	4.36	.448	4.85	3.91	6
27.0:	3.90	.182	4.08	3.69	5
27.2:	3.61	.045	3.65	3.56	3
27.4:	2.97	.056	3.03	2.92	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	32.390	----- N/A -----			1
24.6:	32.555	.1485	32.660	32.450	2
24.8:	32.586	.1039	32.660	32.513	2
25.0:	32.542	.0875	32.664	32.465	4
25.2:	32.577	.0638	32.671	32.485	6
25.4:	32.601	.0567	32.682	32.512	6
25.6:	32.632	.0666	32.742	32.539	6
25.8:	32.718	.0649	32.806	32.645	6
26.0:	32.914	.0547	33.001	32.849	6
26.2:	33.135	.0515	33.219	33.078	6
26.4:	33.351	.0455	33.421	33.295	6
26.6:	33.582	.0566	33.650	33.514	6
26.8:	33.779	.0602	33.845	33.719	6
27.0:	33.971	.0232	33.996	33.945	5
27.2:	34.186	.0051	34.191	34.180	3
27.4:	34.361	.0063	34.368	34.355	3

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	3	----- N/A -----			1
24.6:	15	3.5	18	13	2
24.8:	25	6.4	30	21	2
25.0:	23	8.7	36	16	4
25.2:	31	9.0	43	22	6
25.4:	40	10.9	57	28	6
25.6:	61	19.6	79	43	6
25.8:	91	12.0	101	71	6
26.0:	112	12.6	130	98	6
26.2:	123	19.9	146	112	6
26.4:	136	17.5	163	119	6
26.6:	157	16.2	183	141	6
26.8:	219	27.7	247	176	6
27.0:	365	27.7	393	336	5
27.2:	611	31.2	638	577	3
27.4:	955	29.8	980	922	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	353.9	----- N/A -----			1
24.6:	335.1	.14	335.2	335.0	2
24.8:	316.2	.14	316.3	316.1	2
25.0:	297.1	.10	297.2	297.0	4
25.2:	278.1	.10	278.3	278.0	6
25.4:	259.2	.10	259.3	259.1	6
25.6:	240.3	.16	240.6	240.2	6
25.8:	221.5	.12	221.7	221.4	6
26.0:	202.6	.10	202.8	202.5	6
26.2:	183.7	.16	183.9	183.5	6
26.4:	164.9	.12	165.0	164.7	6
26.6:	146.1	.12	146.2	145.9	6
26.8:	127.6	.26	128.0	127.3	6
27.0:	109.7	.27	110.0	109.3	5
27.2:	92.5	.17	92.6	92.3	3
27.4:	75.0	.12	75.1	74.9	3

JULY

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	12.98	----- N/A -----			1
24.6:	12.59	.587	13.01	12.18	2
24.8:	11.69	.467	11.97	11.31	2
25.0:	10.25	.433	10.89	9.96	4
25.2:	9.20	.355	9.74	8.75	6
25.4:	8.02	.369	8.53	7.43	6
25.6:	6.79	.409	7.40	6.15	6
25.8:	5.77	.419	6.33	5.30	6
26.0:	5.32	.361	5.87	4.90	6
26.2:	5.09	.324	5.59	4.75	6
26.4:	4.88	.312	5.34	4.50	6
26.6:	4.74	.405	5.24	4.26	6
26.8:	4.35	.447	4.83	3.90	6
27.0:	3.87	.179	4.05	3.67	5
27.2:	3.56	.050	3.61	3.51	3
27.4:	2.91	.057	2.97	2.86	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
353.7	----- N/A -----			1
334.6	.14	334.7	334.5	2
315.2	.42	315.5	314.9	2
295.1	2.50	296.5	291.4	4
276.2	1.75	277.5	272.8	6
257.4	1.11	258.5	256.0	6
239.0	.56	239.5	238.1	6
220.3	.18	220.5	220.0	6
200.6	.66	201.4	199.8	6
181.5	.47	182.1	180.8	6
163.1	.23	163.3	162.7	6
144.3	.22	144.5	143.9	6
125.4	.05	125.5	125.4	6
106.2	.16	106.4	106.1	5
87.2	.06	87.3	87.2	3
68.2	.00	68.2	68.2	3

DELTA D

24.4:	.10	----- N/A -----			1
24.6:	.53	.127	.62	.44	2
24.8:	.85	.233	1.02	.69	2
25.0:	.76	.315	1.20	.47	4
25.2:	.96	.295	1.37	.65	6
25.4:	1.20	.323	1.65	.86	6
25.6:	1.71	.405	2.30	1.29	6
25.8:	2.43	.341	2.82	1.92	6
26.0:	2.88	.261	3.22	2.52	6
26.2:	3.09	.289	3.52	2.79	6
26.4:	3.32	.332	3.82	2.93	6
26.6:	3.64	.323	4.13	3.27	6
26.8:	4.49	.435	5.00	3.74	6
27.0:	6.18	.396	6.59	5.65	5
27.2:	8.65	.491	8.94	8.08	3
27.4:	11.52	.491	11.92	10.97	3

POT. ENERGY

24.4:	.00	----- N/A -----			1
24.6:	.04	.021	.06	.03	2
24.8:	.11	.064	.16	.07	2
25.0:	.10	.061	.22	.04	4
25.2:	.16	.097	.29	.07	6
25.4:	.25	.135	.47	.13	6
25.6:	.53	.237	.86	.27	6
25.8:	1.09	.277	1.35	.64	6
26.0:	1.56	.316	2.00	1.15	6
26.2:	1.82	.396	2.43	1.44	6
26.4:	2.12	.493	2.90	1.67	6
26.6:	2.61	.526	3.46	2.07	6
26.8:	4.26	.933	5.35	2.83	6
27.0:	9.36	1.361	10.72	7.83	5
27.2:	21.78	2.368	23.83	19.19	3
27.4:	44.71	2.998	46.77	41.27	3

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	11.894	----- N/A -----			1
24.6:	11.204	.4907	11.551	10.857	2
24.8:	10.880	.1351	10.976	10.785	2
25.0:	10.754	.0573	10.795	10.714	2
25.2:	10.787	.2841	11.115	10.620	3
25.4:	10.603	.1570	10.776	10.470	3
25.6:	9.941	.2450	10.187	9.697	3
25.8:	9.359	.1893	9.554	9.176	3
26.0:	9.053	.1331	9.205	8.956	3
26.2:	8.862	.1885	9.061	8.686	3
26.4:	8.666	.2488	8.932	8.439	3
26.6:	8.349	.1831	8.555	8.205	3
26.8:	7.466	.2909	7.739	7.160	3
27.0:	5.618	.1921	5.827	5.449	3
27.2:	3.133	.2382	3.395	2.930	3
27.4:	.266	.2212	.510	.079	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.994	----- N/A -----			1
11.729	.3599	11.984	11.475	2
11.689	.3571	11.942	11.437	2
11.637	.3408	11.878	11.396	2
11.666	.2757	11.847	11.349	3
11.603	.2664	11.792	11.298	3
11.515	.2473	11.695	11.233	3
11.363	.2098	11.529	11.127	3
11.176	.1922	11.336	10.963	3
10.969	.1872	11.129	10.763	3
10.743	.1896	10.910	10.537	3
10.492	.1949	10.669	10.283	3
10.181	.1727	10.338	9.996	3
9.684	.1252	9.805	9.555	3
8.837	.0661	8.895	8.765	3
7.493	.0151	7.510	7.481	3

OXYGEN

24.4:	----- N/A -----				0
24.6:	----- N/A -----				0
24.8:	----- N/A -----				0
25.0:	----- N/A -----				0
25.2:	----- N/A -----				0
25.4:	----- N/A -----				0
25.6:	----- N/A -----				0
25.8:	----- N/A -----				0
26.0:	----- N/A -----				0
26.2:	----- N/A -----				0
26.4:	----- N/A -----				0
26.6:	----- N/A -----				0
26.8:	----- N/A -----				0
27.0:	----- N/A -----				0
27.2:	----- N/A -----				0
27.4:	----- N/A -----				0

SOUND

MEAN	S.D.	MAX	MIN	N
1498	----- N/A -----			1
1496	2.1	1498	1495	2
1493	2.1	1495	1492	2
1488	1.7	1491	1487	4
1485	1.4	1487	1483	6
1480	1.3	1482	1478	6
1476	1.3	1478	1474	6
1472	1.8	1475	1471	6
1471	1.5	1474	1470	6
1471	1.4	1473	1469	6
1470	1.0	1472	1469	6
1471	1.5	1473	1469	6
1470	1.9	1472	1468	6
1471	.8	1472	1470	5
1474	.0	1474	1474	3
1477	.6	1478	1477	3

AUGUST

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.4:	13.17	.250	13.33	12.73	6	32.458	.0604	32.524	32.360	6
24.6:	12.24	.318	12.74	11.67	8	32.487	.0716	32.591	32.360	8
24.8:	11.29	.339	11.92	10.64	11	32.512	.0847	32.674	32.364	11
25.0:	10.33	.411	10.96	9.47	17	32.565	.0805	32.684	32.394	17
25.2:	9.20	.456	9.94	8.21	17	32.594	.0823	32.714	32.442	17
25.4:	8.05	.468	8.82	7.07	17	32.623	.0815	32.758	32.485	17
25.6:	6.88	.418	7.51	6.02	17	32.657	.0784	32.788	32.525	17
25.8:	5.89	.434	7.13	5.11	18	32.741	.0745	32.975	32.619	18
26.0:	5.19	.520	6.90	4.67	18	32.892	.0915	33.209	32.809	18
26.2:	5.03	.517	6.70	4.53	18	33.123	.0884	33.424	33.043	18
26.4:	5.06	.508	6.51	4.39	18	33.379	.0799	33.622	33.282	18
26.6:	5.00	.471	5.79	4.12	17	33.618	.0680	33.735	33.496	17
26.8:	4.55	.288	4.90	4.02	17	33.804	.0390	33.854	33.734	17
27.0:	3.94	.104	4.06	3.71	17	33.977	.0129	33.990	33.949	17
27.2:	3.57	.046	3.62	3.45	15	34.180	.0057	34.186	34.165	15
27.4:	2.98	.045	3.04	2.87	15	34.362	.0057	34.369	34.349	15
	DEPTH					SVA				
24.4:	13	6.0	23	5	6	354.1	.13	354.2	353.9	6
24.6:	21	6.3	27	8	8	335.1	.14	335.3	334.9	8
24.8:	24	7.8	37	10	11	316.2	.15	316.4	315.9	11
25.0:	29	8.2	52	19	17	297.1	.12	297.5	297.0	17
25.2:	34	9.1	58	23	17	278.1	.11	278.4	278.0	17
25.4:	42	9.7	63	29	17	259.2	.11	259.4	259.0	17
25.6:	55	14.2	79	39	17	240.3	.17	240.6	240.0	17
25.8:	74	18.3	101	45	18	221.4	.19	221.7	221.1	18
26.0:	101	15.4	120	59	18	202.5	.18	202.7	202.0	18
26.2:	116	16.0	134	64	18	183.6	.18	183.9	183.1	18
26.4:	128	17.6	147	69	18	164.8	.20	165.2	164.3	18
26.6:	148	11.7	167	121	17	146.1	.19	146.6	145.9	17
26.8:	214	16.1	257	189	17	127.7	.26	128.3	127.3	17
27.0:	370	22.4	413	337	17	109.8	.25	110.2	109.3	17
27.2:	595	25.2	633	546	15	92.3	.22	92.6	91.9	15
27.4:	941	39.1	1001	879	15	74.9	.20	75.2	74.6	15

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.4:	13.17	.254	13.33	12.72	6	352.3	1.22	353.7	350.5	6
24.6:	12.24	.320	12.74	11.67	8	333.1	1.48	334.6	330.5	8
24.8:	11.28	.339	11.91	10.64	11	314.5	1.54	315.7	311.3	11
25.0:	10.33	.409	10.95	9.47	17	294.8	2.13	297.5	290.8	17
25.2:	9.19	.457	9.94	8.21	17	274.9	2.39	277.5	270.2	17
25.4:	8.05	.470	8.82	7.06	17	256.3	1.88	258.5	252.4	17
25.6:	6.87	.418	7.50	6.01	17	238.2	1.24	239.5	235.8	17
25.8:	5.88	.432	7.12	5.11	18	219.9	.69	220.5	217.5	18
26.0:	5.18	.521	6.90	4.66	18	200.8	1.00	201.5	197.2	18
26.2:	5.02	.517	6.69	4.52	18	181.8	.89	182.5	178.6	18
26.4:	5.05	.510	6.51	4.38	18	162.8	.52	163.5	161.5	18
26.6:	4.99	.471	5.77	4.11	17	144.3	.18	144.5	143.9	17
26.8:	4.54	.286	4.88	4.01	17	125.4	.06	125.5	125.3	17
27.0:	3.91	.104	4.03	3.68	17	106.2	.11	106.4	106.1	17
27.2:	3.53	.045	3.58	3.41	15	87.3	.05	87.3	87.2	15
27.4:	2.91	.047	2.98	2.80	15	68.2	.05	68.2	68.1	15
	DELTA D					POT. ENERGY				
24.4:	.50	.224	.84	.16	6	.04	.034	.10	.00	6
24.6:	.76	.229	.99	.27	8	.09	.041	.14	.01	8
24.8:	.85	.281	1.31	.32	11	.11	.064	.24	.02	11
25.0:	.96	.300	1.80	.61	17	.15	.098	.46	.06	17
25.2:	1.11	.320	1.95	.70	17	.20	.117	.55	.08	17
25.4:	1.31	.335	2.09	.89	17	.29	.139	.64	.13	17
25.6:	1.64	.435	2.30	1.13	17	.46	.229	.85	.21	17
25.8:	2.08	.530	2.83	1.29	18	.77	.364	1.33	.28	18
26.0:	2.66	.423	3.12	1.65	18	1.28	.342	1.68	.46	18
26.2:	2.94	.418	3.37	1.74	18	1.60	.374	2.02	.52	18
26.4:	3.16	.446	3.66	1.83	18	1.88	.433	2.37	.57	18
26.6:	3.50	.350	4.02	2.79	17	2.33	.372	2.94	1.53	17
26.8:	4.38	.355	5.23	3.67	17	3.98	.586	5.58	2.97	17
27.0:	6.25	.385	7.10	5.69	17	9.57	1.137	12.00	7.96	17
27.2:	8.51	.390	9.24	7.92	15	20.78	1.772	23.39	17.54	15
27.4:	11.41	.469	12.23	10.76	15	43.55	3.631	49.26	37.85	15

AUGUST

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.4:	11.564	.3311	11.820	11.013	5	12.063	.1762	12.289	11.820	5
24.6:	11.162	.3082	11.499	10.660	7	11.906	.2589	12.250	11.485	7
24.8:	11.053	.3215	11.533	10.550	10	11.847	.2149	12.204	11.436	10
25.0:	10.819	.2911	11.274	10.055	15	11.689	.2317	12.151	11.383	15
25.2:	10.660	.2880	11.025	9.905	15	11.628	.2274	12.091	11.327	15
25.4:	10.458	.2979	10.929	9.765	15	11.556	.2217	12.008	11.260	15
25.6:	10.126	.2926	10.595	9.636	15	11.467	.2161	11.897	11.180	15
25.8:	9.713	.3907	10.360	9.030	16	11.363	.2041	11.726	11.088	16
26.0:	9.154	.3595	10.257	8.733	16	11.196	.1951	11.520	10.932	16
26.2:	8.867	.3914	10.165	8.486	16	10.990	.1961	11.344	10.715	16
26.4:	8.647	.4245	10.082	8.259	16	10.761	.2063	11.219	10.479	16
26.6:	8.294	.2086	8.634	8.005	15	10.470	.1604	10.749	10.214	15
26.8:	7.400	.1688	7.771	7.068	15	10.153	.1578	10.389	9.895	15
27.0:	5.546	.1748	5.764	5.193	15	9.639	.1241	9.796	9.426	15
27.2:	3.262	.1647	3.597	3.017	15	8.804	.0888	8.935	8.647	15
27.4:	.363	.2860	.816	-.081	15	7.482	.0281	7.518	7.436	15

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
24.4:		----- N/A -----			0	1498	.8	1499	1497	6
24.6:	6.53	----- N/A -----			1	1495	1.3	1497	1493	8
24.8:	6.88	----- N/A -----			1	1492	1.3	1495	1490	11
25.0:	7.15	----- N/A -----			1	1489	1.5	1491	1486	17
25.2:	7.30	----- N/A -----			1	1484	1.9	1488	1481	17
25.4:	7.38	----- N/A -----			1	1480	1.8	1484	1477	17
25.6:	7.33	----- N/A -----			1	1476	1.6	1479	1473	17
25.8:	7.26	----- N/A -----			1	1472	1.7	1478	1470	18
26.0:	6.84	----- N/A -----			1	1470	2.1	1477	1468	18
26.2:	6.04	----- N/A -----			1	1470	2.1	1477	1468	16
26.4:	5.17	----- N/A -----			1	1471	2.0	1476	1468	18
26.6:	4.06	----- N/A -----			1	1471	1.9	1475	1468	17
26.8:	3.39	----- N/A -----			1	1471	1.4	1473	1469	17
27.0:	1.60	----- N/A -----			1	1471	.8	1472	1470	17
27.2:	.75	----- N/A -----			1	1473	.5	1474	1473	15
27.4:	.58	----- N/A -----			1	1477	.7	1478	1476	15

SEPTEMBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.21	.803	14.53	13.62	4	32.475	.0756	32.540	32.366	4
24.4:	13.33	.398	13.83	12.50	9	32.520	.0621	32.610	32.408	9
24.6:	12.39	.497	13.45	11.48	13	32.567	.0908	32.770	32.446	13
24.8:	11.34	.495	12.47	10.55	14	32.597	.0898	32.783	32.481	14
25.0:	10.28	.466	11.48	9.68	14	32.622	.0912	32.802	32.513	14
25.2:	9.23	.444	10.44	8.68	14	32.645	.0939	32.824	32.528	14
25.4:	8.18	.416	9.32	7.58	14	32.666	.0972	32.840	32.536	14
25.6:	7.02	.410	7.80	6.49	14	32.694	.0924	32.850	32.580	14
25.8:	6.00	.379	6.61	5.44	14	32.756	.0612	32.858	32.666	14
26.0:	5.23	.389	5.92	4.52	14	32.896	.0617	33.007	32.789	14
26.2:	4.99	.315	5.58	4.48	14	33.114	.0483	33.220	33.041	14
26.4:	4.92	.328	5.37	4.35	14	33.358	.0469	33.427	33.281	14
26.6:	4.90	.427	5.42	4.15	14	33.603	.0598	33.681	33.501	14
26.8:	4.51	.388	4.97	3.90	14	33.799	.0522	33.864	33.718	14
27.0:	3.92	.139	4.07	3.59	14	33.974	.0168	33.993	33.934	14
27.2:	3.58	.060	3.66	3.46	12	34.182	.0076	34.192	34.168	12
27.4:	2.97	.046	3.04	2.87	12	34.361	.0054	34.368	34.350	12

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.2:	17	12.4	32	2	4	373.2	.24	373.4	372.9	4
24.4:	24	10.9	35	4	9	354.2	.22	354.5	353.9	9
24.6:	31	5.6	40	23	13	335.2	.21	335.6	334.8	13
24.8:	35	4.9	42	27	14	316.1	.20	316.4	315.8	14
25.0:	38	5.4	45	28	14	297.0	.24	297.5	296.6	14
25.2:	42	5.6	52	29	14	278.1	.25	278.5	277.6	14
25.4:	47	7.7	61	30	14	259.2	.24	259.5	258.7	14
25.6:	60	15.0	95	38	14	240.3	.24	240.8	239.9	14
25.8:	79	20.0	107	47	14	221.4	.19	221.7	221.1	14
26.0:	107	15.1	129	78	14	202.6	.14	202.8	202.3	14
26.2:	125	12.9	152	103	14	183.7	.15	184.0	183.5	14
26.4:	137	13.9	166	116	14	164.9	.12	165.1	164.7	14
26.6:	155	12.7	184	133	14	146.1	.16	146.3	145.9	14
26.8:	216	24.0	265	162	14	127.7	.30	128.2	127.3	14
27.0:	378	24.2	421	323	14	109.8	.27	110.2	109.4	14
27.2:	608	21.8	650	572	12	92.4	.16	92.7	92.2	12
27.4:	963	34.2	1030	918	12	75.0	.15	75.3	74.7	12

SEPTEMBER

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	14.20	.407	14.53	13.61	4
24.4:	13.32	.398	13.83	12.49	9
24.6:	12.39	.498	13.44	11.47	13
24.8:	11.34	.494	12.46	10.54	14
25.0:	10.28	.463	11.47	9.68	14
25.2:	9.23	.443	10.44	8.68	14
25.4:	8.18	.417	9.32	7.58	14
25.6:	7.02	.412	7.80	6.48	14
25.8:	5.99	.382	6.61	5.43	14
26.0:	5.22	.390	5.91	4.51	14
26.2:	4.98	.315	5.57	4.47	14
26.4:	4.91	.328	5.36	4.34	14
26.6:	4.69	.428	5.41	4.13	14
26.8:	4.49	.389	4.96	3.88	14
27.0:	3.89	.136	4.04	3.57	14
27.2:	3.53	.059	3.62	3.42	12
27.4:	2.90	.049	2.97	2.79	12

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
371.1	2.45	372.8	367.5	4
350.7	3.15	353.8	343.5	9
330.0	4.11	334.7	322.6	13
309.3	4.23	315.6	304.2	14
289.8	4.10	296.3	282.8	14
271.7	3.79	277.3	264.2	14
254.8	3.33	258.5	247.9	14
237.2	1.98	239.5	233.6	14
220.0	.40	220.5	219.3	14
200.8	.65	201.5	199.2	14
181.9	.54	182.4	180.3	14
162.9	.31	163.5	162.5	14
144.2	.17	144.5	144.0	14
125.4	.04	125.5	125.3	14
106.3	.12	106.4	106.1	14
87.3	.05	87.3	87.2	12
68.2	.05	68.2	68.1	12

DELTA D

24.2:	.66	.485	1.24	.07	4
24.4:	.92	.413	1.36	.14	9
24.6:	1.14	.212	1.46	.80	13
24.8:	1.24	.192	1.56	.94	14
25.0:	1.36	.196	1.66	.97	14
25.2:	1.47	.198	1.74	.99	14
25.4:	1.60	.254	2.02	1.01	14
25.6:	1.93	.428	2.86	1.20	14
25.8:	2.37	.546	3.15	1.40	14
26.0:	2.97	.421	3.53	2.20	14
26.2:	3.32	.360	3.99	2.56	14
26.4:	3.53	.372	4.23	2.80	14
26.6:	3.80	.367	4.52	3.06	14
26.8:	4.63	.453	5.25	3.45	14
27.0:	6.57	.441	7.06	5.34	14
27.2:	8.88	.372	9.39	8.11	12
27.4:	11.86	.479	12.58	10.98	12

POT. ENERGY

.08	.091	.21	.00	4
.14	.085	.24	.00	9
.19	.065	.28	.10	13
.23	.064	.32	.13	14
.27	.071	.36	.14	14
.32	.078	.43	.15	14
.38	.113	.59	.15	14
.58	.265	1.26	.22	14
.92	.395	1.55	.31	14
1.48	.387	2.03	.78	14
1.89	.390	2.69	1.19	14
2.18	.438	3.08	1.46	14
2.58	.453	3.59	1.79	14
4.19	.805	5.75	2.38	14
10.07	1.238	12.04	7.06	14
21.84	1.618	24.83	19.38	12
45.77	3.363	52.16	41.21	12

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.2:	11.404	.5963	12.041	10.859	3
24.4:	11.273	.3814	12.070	10.747	8
24.6:	10.934	.2478	11.283	10.518	12
24.8:	10.822	.2163	11.103	10.488	12
25.0:	10.726	.1975	10.953	10.417	12
25.2:	10.620	.1669	10.816	10.333	12
25.4:	10.491	.1787	10.750	10.171	12
25.6:	10.155	.3404	10.687	9.472	12
25.8:	9.685	.3949	10.226	9.165	12
26.0:	9.146	.2268	9.513	8.844	12
26.2:	8.804	.2164	9.168	8.490	12
26.4:	8.590	.2425	9.021	8.277	12
26.6:	8.326	.1930	8.636	8.088	12
26.8:	7.972	.2917	7.983	6.962	12
27.0:	5.497	.2171	6.087	5.219	12
27.2:	3.176	.1535	3.437	2.880	12
27.4:	.199	.2588	.540	-.306	12

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.081	.0251	12.109	12.061	3
12.123	.1655	12.298	11.841	8
11.989	.2502	12.233	11.414	12
11.925	.2452	12.162	11.362	12
11.856	.2398	12.087	11.309	12
11.780	.2336	12.007	11.254	12
11.697	.2261	11.922	11.197	12
11.603	.2133	11.832	11.152	12
11.471	.1929	11.685	11.071	12
11.295	.1679	11.484	10.953	12
11.074	.1582	11.266	10.768	12
10.829	.1544	11.040	10.560	12
10.563	.1540	10.784	10.326	12
10.240	.1399	10.460	10.053	12
9.714	.0986	9.890	9.559	12
8.849	.0611	8.946	8.752	12
7.499	.0153	7.527	7.466	12

OXYGEN

24.2:	-----	N/A	-----	
24.4:	-----	N/A	-----	
24.6:	5.27	-----	N/A	-----
24.8:	5.17	-----	N/A	-----
25.0:	5.07	-----	N/A	-----
25.2:	4.98	-----	N/A	-----
25.4:	4.90	-----	N/A	-----
25.6:	4.83	-----	N/A	-----
25.8:	4.80	-----	N/A	-----
26.0:	5.39	-----	N/A	-----
26.2:	5.58	-----	N/A	-----
26.4:	4.99	-----	N/A	-----
26.6:	4.44	-----	N/A	-----
26.8:	3.19	-----	N/A	-----
27.0:	1.68	-----	N/A	-----
27.2:	.77	-----	N/A	-----
27.4:	.49	-----	N/A	-----

SOUND

0	1502	1.4	1503	1500	4
0	1499	1.2	1501	1497	9
1	1496	1.8	1500	1493	13
1	1492	1.8	1497	1490	14
1	1488	1.7	1493	1487	14
1	1485	1.8	1490	1483	14
1	1481	1.7	1486	1479	14
1	1477	1.5	1480	1475	14
1	1473	1.6	1476	1471	14
1	1470	1.7	1474	1468	14
1	1470	1.2	1473	1469	14
1	1470	1.4	1473	1468	14
1	1471	1.7	1473	1468	14
1	1471	1.8	1473	1468	14
1	1471	.9	1473	1470	14
1	1473	.5	1475	1473	12
1	1477	.5	1478	1477	12

OCTOBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.8:	11.47	.007	11.48	11.47	2	32.539	.0017	32.540	32.539	2
25.0:	10.42	.053	10.48	10.38	3	32.610	.0200	32.631	32.591	3
25.2:	9.38	.301	9.84	9.07	5	32.637	.0624	32.690	32.533	5
25.4:	8.24	.239	8.64	8.00	5	32.687	.0566	32.751	32.604	5
25.6:	7.16	.282	7.59	6.82	5	32.730	.0566	32.804	32.664	5
25.8:	6.10	.390	6.60	5.59	5	32.773	.0567	32.850	32.705	5
26.0:	5.36	.485	5.90	4.61	5	32.918	.0765	33.005	32.802	5
26.2:	5.10	.386	5.56	4.69	5	33.128	.0525	33.193	33.072	5
26.4:	5.09	.128	5.21	4.88	5	33.379	.0189	33.396	33.349	5
26.6:	5.05	.152	5.21	4.88	5	33.626	.0221	33.647	33.602	5
26.8:	4.73	.110	4.88	4.64	5	33.829	.0152	33.849	33.816	5
27.0:	4.04	.126	4.19	3.89	5	33.991	.0153	34.011	33.973	5
27.2:	3.60	.045	3.65	3.54	5	34.185	.0059	34.191	34.177	5
27.4:	3.00	.058	3.10	2.96	5	34.365	.0068	34.376	34.359	5
	DEPTH					SVA				
24.8:	19	7.1	24	14	2	316.1	.14	316.2	316.0	2
25.0:	48	8.7	53	38	3	297.4	.11	297.5	297.3	3
25.2:	54	5.7	59	47	5	278.5	.15	278.6	278.3	5
25.4:	61	4.8	65	54	5	259.3	.13	259.5	259.2	5
25.6:	68	4.5	75	63	5	240.4	.15	240.6	240.2	5
25.8:	80	9.7	96	72	5	221.5	.12	221.6	221.3	5
26.0:	100	9.3	111	88	5	202.6	.13	202.7	202.4	5
26.2:	118	11.0	132	102	5	183.7	.08	183.8	183.6	5
26.4:	133	9.7	146	120	5	164.9	.11	165.1	164.8	5
26.6:	152	9.6	162	140	5	146.2	.07	146.3	146.1	5
26.8:	208	11.1	223	195	5	127.7	.16	127.9	127.5	5
27.0:	368	21.1	393	338	5	109.8	.19	110.1	109.7	5
27.2:	586	23.0	614	553	5	92.3	.19	92.6	92.1	5
27.4:	942	40.2	984	880	5	75.0	.11	75.1	74.8	5

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.8:	11.47	.000	11.47	11.47	2	315.6	.07	315.7	315.6	2
25.0:	10.41	.049	10.47	10.38	3	292.7	.93	293.8	292.1	3
25.2:	9.37	.300	9.83	9.06	5	274.4	3.99	277.5	270.0	5
25.4:	8.24	.239	8.63	7.99	5	254.1	2.70	256.8	251.0	5
25.6:	7.16	.278	7.58	6.82	5	236.2	1.93	239.5	234.6	5
25.8:	6.10	.388	6.59	5.59	5	220.0	.46	220.4	219.7	5
26.0:	5.35	.485	5.89	4.60	5	200.7	.47	201.3	200.2	5
26.2:	5.09	.386	5.55	4.68	5	182.1	.27	182.4	181.7	5
26.4:	5.08	.128	5.20	4.87	5	163.0	.14	163.2	162.8	5
26.6:	5.04	.151	5.20	4.87	5	144.1	.18	144.3	143.9	5
26.8:	4.72	.109	4.86	4.62	5	125.4	.04	125.5	125.4	5
27.0:	4.01	.121	4.16	3.87	5	106.2	.15	106.4	106.0	5
27.2:	3.56	.043	3.61	3.50	5	87.2	.05	87.3	87.2	5
27.4:	2.94	.062	3.04	2.89	5	68.2	.05	68.2	68.1	5
	DELTA D					POT. ENERGY				
24.8:	.59	.219	.75	.44	2	.06	.042	.09	.03	2
25.0:	1.53	.277	1.70	1.21	3	.39	.130	.47	.24	3
25.2:	1.63	.211	1.86	1.40	5	.46	.100	.56	.35	5
25.4:	1.81	.178	2.00	1.63	5	.56	.097	.65	.44	5
25.6:	2.01	.136	2.14	1.85	5	.69	.089	.78	.57	5
25.8:	2.29	.217	2.56	2.08	5	.91	.196	1.21	.72	5
26.0:	2.71	.206	2.97	2.52	5	1.30	.217	1.55	1.07	5
26.2:	3.06	.173	3.22	2.81	5	1.70	.259	2.00	1.33	5
26.4:	3.33	.136	3.46	3.12	5	2.05	.251	2.35	1.69	5
26.6:	3.63	.113	3.72	3.44	5	2.48	.258	2.74	2.12	5
26.8:	4.37	.191	4.66	4.16	5	3.86	.302	4.31	3.56	5
27.0:	6.27	.277	6.58	5.90	5	9.47	.872	10.36	8.21	5
27.2:	8.48	.313	8.90	8.07	5	20.28	1.502	22.06	18.09	5
27.4:	11.46	.441	11.88	10.81	5	43.55	3.553	47.25	38.13	5

OCTOBER

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.209	.2199	11.365	11.054	2
25.0:	10.384	.1928	10.593	10.213	3
25.2:	10.189	.1401	10.339	10.042	5
25.4:	10.002	.1448	10.165	9.804	5
25.6:	9.812	.1515	9.936	9.566	5
25.8:	9.532	.2644	9.727	9.069	5
26.0:	9.112	.2322	9.369	8.748	5
26.2:	8.755	.2473	9.098	8.500	5
26.4:	8.485	.2357	8.789	8.241	5
26.6:	8.192	.2435	8.467	7.908	5
26.8:	7.447	.1191	7.592	7.350	5
27.0:	5.547	.1278	5.729	5.401	5
27.2:	3.333	.1607	3.556	3.129	5
27.4:	.356	.2963	.814	.047	5

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	11.803	.0000	11.803	11.803	2
25.0:	11.831	.1058	11.946	11.738	3
25.2:	11.702	.0819	11.837	11.621	5
25.4:	11.592	.0790	11.719	11.508	5
25.6:	11.468	.0794	11.592	11.372	5
25.8:	11.329	.0872	11.456	11.211	5
26.0:	11.156	.0913	11.263	11.010	5
26.2:	10.985	.0952	11.085	10.789	5
26.4:	10.709	.1009	10.807	10.549	5
26.6:	10.440	.1141	10.545	10.267	5
26.8:	10.172	.1242	10.240	9.940	5
27.0:	9.627	.1140	9.766	9.465	5
27.2:	8.796	.0701	8.862	8.691	5
27.4:	7.489	.0223	7.513	7.455	5

OXYGEN

STD SIGMA T					N
24.8:	-----	N/A	-----		0
25.0:	-----	N/A	-----		0
25.2:	-----	N/A	-----		0
25.4:	-----	N/A	-----		0
25.6:	-----	N/A	-----		0
25.8:	-----	N/A	-----		0
26.0:	-----	N/A	-----		0
26.2:	-----	N/A	-----		0
26.4:	-----	N/A	-----		0
26.6:	-----	N/A	-----		0
26.8:	-----	N/A	-----		0
27.0:	-----	N/A	-----		0
27.2:	-----	N/A	-----		0
27.4:	-----	N/A	-----		0

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.8:	1493	.0	1493	1493	2
25.0:	1489	.6	1490	1489	3
25.2:	1486	1.2	1488	1485	5
25.4:	1482	.7	1483	1481	5
25.6:	1477	1.5	1480	1476	5
25.8:	1474	1.6	1476	1472	5
26.0:	1471	1.9	1473	1468	5
26.2:	1470	1.8	1473	1469	5
26.4:	1471	.9	1472	1470	5
26.6:	1471	.5	1472	1471	5
26.8:	1471	.5	1472	1471	5
27.0:	1471	.5	1472	1471	5
27.2:	1473	.4	1474	1473	5
27.4:	1477	.5	1478	1477	5

NOVEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	9.43	.238	9.59	9.16	3
25.4:	8.45	.471	8.94	8.00	3
25.6:	7.26	.296	7.64	6.95	4
25.8:	6.15	.334	6.48	5.74	4
26.0:	5.06	.081	5.12	4.95	4
26.2:	4.75	.140	4.90	4.58	4
26.4:	4.73	.223	4.96	4.49	4
26.6:	4.74	.257	5.10	4.49	4
26.8:	4.35	.295	4.62	3.93	4
27.0:	3.84	.115	3.96	3.69	4
27.2:	3.59	.025	3.61	3.56	3
27.4:	3.01	.046	3.04	2.96	3

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	32.622	.0606	32.658	32.552	3
25.4:	32.697	.0764	32.764	32.614	3
25.6:	32.730	.0646	32.802	32.670	4
25.8:	32.786	.0560	32.836	32.710	4
26.0:	32.866	.0117	32.876	32.849	4
26.2:	33.077	.0176	33.099	33.059	4
26.4:	33.323	.0307	33.354	33.290	4
26.6:	33.581	.0367	33.631	33.543	4
26.8:	33.776	.0393	33.813	33.721	4
27.0:	33.964	.0158	33.982	33.945	4
27.2:	34.183	.0037	34.188	34.180	3
27.4:	34.365	.0058	34.369	34.359	3

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	36	30.1	58	2	3
25.4:	56	6.6	62	49	3
25.6:	66	7.0	75	58	4
25.8:	79	12.3	93	67	4
26.0:	101	13.4	119	87	4
26.2:	123	12.5	135	111	4
26.4:	136	12.7	150	124	4
26.6:	150	16.2	178	135	4
26.8:	197	21.9	224	174	4
27.0:	347	9.9	362	340	4
27.2:	559	15.5	571	54[illegible]	[illegible]
27.4:	909	35.0	937	870	3

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	278.3	.49	278.6	277.7	3
25.4:	259.4	.00	259.4	259.4	3
25.6:	240.4	.13	240.6	240.3	4
25.8:	221.5	.10	221.6	221.4	4
26.0:	202.5	.13	202.7	202.4	4
26.2:	183.7	.15	183.8	183.5	4
26.4:	164.8	.13	165.0	164.7	4
26.6:	146.0	.10	146.1	145.9	4
26.8:	127.4	.10	127.5	127.3	4
27.0:	109.5	.05	109.6	109.5	4
27.2:	[illegible].1	.10	92.2	92.0	3
27.4:	74.8	.15	74.9	74.6	3

NOVEMBER

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	9.43	.238	9.59	9.16	3
25.4:	8.44	.476	8.94	7.99	3
25.6:	7.26	.292	7.63	6.95	4
25.8:	6.14	.335	6.48	5.74	4
26.0:	5.05	.080	5.11	4.94	4
26.2:	4.74	.140	4.89	4.57	4
26.4:	4.72	.223	4.95	4.48	4
26.6:	4.73	.258	5.09	4.48	4
26.8:	4.33	.300	4.61	3.91	4
27.0:	3.81	.117	3.93	3.66	4
27.2:	3.55	.031	3.58	3.52	3
27.4:	2.95	.049	2.98	2.89	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
276.4	.92	277.4	275.6	3
256.2	2.06	258.4	254.3	3
237.5	1.55	239.4	235.7	4
219.5	.88	220.4	218.3	4
201.2	.24	201.5	201.0	4
182.1	.32	182.4	181.7	4
163.4	.08	163.5	163.3	4
144.2	.16	144.4	144.0	4
125.5	.05	125.5	125.4	4
106.3	.13	106.4	106.1	4
87.3	.06	87.3	87.2	3
68.2	.00	68.2	68.2	3

DELTA U

25.2:	1.09	.870	1.67	.05	3
25.4:	1.58	.229	1.76	1.33	3
25.6:	1.77	.142	1.89	1.57	4
25.8:	2.08	.289	2.48	1.79	4
26.0:	2.54	.371	3.03	2.22	4
26.2:	2.97	.383	3.35	2.57	4
26.4:	3.20	.388	3.62	2.84	4
26.6:	3.43	.434	3.92	3.05	4
26.8:	4.07	.517	4.66	3.51	4
27.0:	5.84	.341	6.29	5.50	4
27.2:	7.88	.268	8.18	7.66	3
27.4:	10.80	.399	11.16	10.37	3

POT. ENERGY

.28	.252	.49	.00	3
.46	.121	.57	.33	3
.60	.099	.69	.46	4
.83	.232	1.13	.60	4
1.26	.334	1.72	.94	4
1.76	.370	2.14	1.42	4
2.06	.411	2.53	1.69	4
2.40	.519	3.02	1.91	4
3.55	.779	4.51	2.78	4
8.49	.615	9.40	8.03	4
18.25	.904	18.78	17.21	3
40.15	2.953	42.32	36.79	3

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	10.606	.8485	11.206	10.006	2
25.4:	9.906	.0283	9.926	9.886	2
25.6:	9.644	.1636	9.776	9.461	3
25.8:	9.451	.2357	9.676	9.206	3
26.0:	9.020	.0410	9.045	8.973	3
26.2:	8.547	.1377	8.692	8.418	3
26.4:	8.331	.1017	8.422	8.221	3
26.6:	8.132	.1138	8.212	8.002	3
26.8:	7.527	.2050	7.753	7.353	3
27.0:	5.699	.1031	5.760	5.580	3
27.2:	3.517	.0776	3.604	3.455	3
27.4:	.599	.2563	.887	.396	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.443	.2595	11.627	11.260	2
11.351	.2256	11.511	11.192	2
11.250	.1492	11.387	11.091	3
11.115	.1420	11.256	10.972	3
10.957	.1370	11.100	10.827	3
10.751	.1166	10.870	10.637	3
10.513	.0992	10.608	10.410	3
10.252	.0803	10.323	10.165	3
9.957	.0663	10.003	9.881	3
9.487	.0685	9.541	9.410	3
8.711	.0733	8.762	8.627	3
7.467	.0235	7.483	7.440	3

OXYGEN

25.2:	6.61	-----	N/A	-----
25.4:	6.65	-----	N/A	-----
25.6:	6.76	-----	N/A	-----
25.8:	6.85	-----	N/A	-----
26.0:	7.04	-----	N/A	-----
26.2:	6.46	-----	N/A	-----
26.4:	5.65	-----	N/A	-----
26.6:	4.82	-----	N/A	-----
26.8:	3.62	-----	N/A	-----
27.0:	1.92	-----	N/A	-----
27.2:	.93	-----	N/A	-----
27.4:	.59	-----	N/A	-----

SOUND

1	1486	1.0	1487	1485	3
1	1482	1.5	1484	1481	3
1	1478	1.3	1480	1477	4
1	1474	1.0	1475	1473	4
1	1470	.0	1470	1470	4
1	1469	1.0	1470	1468	4
1	1470	1.0	1471	1469	4
1	1470	1.0	1472	1470	4
1	1470	.8	1471	1469	4
1	1470	.6	1471	1470	4
1	1473	.0	1473	1473	3
1	1476	.6	1477	1476	3

DECEMBER

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	8.00	.519	8.88	7.66	6
25.6:	6.97	.333	7.72	6.45	12
25.8:	6.08	.276	6.51	5.36	15
26.0:	5.34	.317	5.86	4.76	15
26.2:	4.97	.365	5.48	4.37	15
26.4:	4.82	.421	5.59	4.32	15
26.6:	4.80	.447	5.53	3.94	15
26.8:	4.56	.339	4.93	3.77	15
27.0:	3.92	.082	4.04	3.76	12
27.2:	3.57	.037	3.64	3.51	11
27.4:	2.97	.036	3.04	2.93	11

SALINITY

MEAN	S.D.	MAX	MIN	N
32.596	.1001	32.750	32.529	6
32.669	.0604	32.802	32.583	12
32.773	.0432	32.854	32.670	15
32.914	.0499	32.999	32.828	15
33.112	.0516	33.190	33.022	15
33.342	.0597	33.450	33.268	15
33.590	.0621	33.695	33.471	15
33.806	.0456	33.857	33.701	15
33.974	.0099	33.989	33.957	12
34.180	.0045	34.188	34.174	11
34.361	.0041	34.369	34.357	11

DEPTH

25.4:	79	12.1	98	60	6
25.6:	80	15.6	104	53	12
25.8:	93	10.8	114	74	15
26.0:	105	10.8	126	88	15
26.2:	118	10.6	135	99	15
26.4:	130	10.5	145	113	15
26.6:	148	10.6	166	134	15
26.8:	205	18.6	244	175	15
27.0:	365	15.7	405	346	12
27.2:	596	23.9	643	563	11
27.4:	949	30.6	1023	905	11

SVA

259.8	.27	260.3	259.5	6
240.6	.22	241.1	240.3	12
221.6	.15	221.9	221.4	15
202.6	.14	202.9	202.4	15
183.7	.16	183.9	183.4	15
164.8	.17	165.0	164.5	15
146.1	.18	146.3	145.8	15
127.6	.25	128.0	127.2	15
109.7	.17	110.1	109.5	12
92.3	.18	92.7	92.1	11
74.9	.19	75.4	74.7	11

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	7.99	.519	8.87	7.65	6
25.6:	6.97	.331	7.71	6.45	12
25.8:	6.07	.274	6.49	5.35	15
26.0:	5.33	.315	5.85	4.75	15
26.2:	4.96	.365	5.47	4.36	15
26.4:	4.81	.420	5.58	4.31	15
26.6:	4.79	.447	5.52	3.93	15
26.8:	4.54	.340	4.92	3.75	15
27.0:	3.89	.083	4.01	3.73	12
27.2:	3.52	.036	3.59	3.47	11
27.4:	2.90	.039	2.98	2.87	11

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
257.5	1.01	258.4	255.5	6
238.4	1.25	239.5	235.6	12
219.6	.73	220.5	218.3	15
200.7	.58	201.5	199.5	15
181.8	.47	182.5	181.1	15
163.0	.27	163.5	162.6	15
144.2	.18	144.5	144.0	15
125.4	.05	125.5	125.4	15
106.2	.14	106.4	106.0	12
87.3	.05	87.3	87.2	11
68.2	.04	68.2	68.1	11

DELTA D

25.4:	2.16	.333	2.66	1.61	6
25.6:	2.09	.463	2.79	1.31	12
25.8:	2.34	.353	3.04	1.77	15
26.0:	2.60	.341	3.28	2.00	15
26.2:	2.85	.331	3.46	2.20	15
26.4:	3.06	.327	3.62	2.46	15
26.6:	3.34	.322	3.83	2.77	15
26.8:	4.11	.396	4.72	3.47	15
27.0:	5.96	.336	6.40	5.51	12
27.2:	8.30	.406	9.02	7.69	11
27.4:	11.25	.449	12.20	10.62	11

POT. ENERGY

.90	.270	1.34	.49	6
.89	.337	1.47	.36	12
1.12	.267	1.75	.68	15
1.39	.307	2.05	.90	15
1.67	.325	2.29	1.09	15
1.94	.338	2.51	1.37	15
2.34	.364	2.85	1.77	15
3.75	.633	4.79	2.72	15
9.23	.831	11.14	8.13	12
20.74	1.695	24.06	18.23	11
44.08	2.920	51.15	40.20	11

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.4:	9.735	.0892	9.787	9.632	3
25.6:	9.618	.2933	9.974	9.131	9
25.8:	9.316	.1745	9.530	8.986	11
26.0:	9.041	.1586	9.302	8.780	11
26.2:	8.789	.1492	9.067	8.566	11
26.4:	8.574	.1500	8.883	8.379	11
26.6:	8.282	.1712	8.570	8.051	11
26.8:	7.522	.1966	7.732	7.178	11
27.0:	5.597	.1300	5.734	5.263	11
27.2:	3.260	.1784	3.510	2.[illegible]	
27.4:	.304	.2279	.633	-.248	11

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.816	.1012	11.926	11.727	3
11.489	.1868	11.761	11.180	9
11.322	.1746	11.582	11.040	11
11.139	.1641	11.382	10.878	11
10.930	.1534	11.162	10.688	11
10.699	.1429	10.921	10.475	11
10.442	.1324	10.656	10.237	11
10.134	.1183	10.343	9.961	11
9.639	.0949	9.837	9.512	11
8.817	.0593	8.951	8.735	11
7.489	.0206	7.536	7.456	11

OXYGEN

25.4:	----- N/A -----			0
25.6:	----- N/A -----			0
25.8:	----- N/A -----			0
26.0:	----- N/A -----			0
26.2:	----- N/A -----			0
26.4:	----- N/A -----			0
26.6:	----- N/A -----			0
26.8:	----- N/A -----			0
27.0:	----- N/A -----			0
27.2:	----- N/A -----			0
27.4:	----- N/A -----			0

SOUND

1481	2.3	1485	1479	6
1477	1.6	1481	1475	12
1474	1.2	1476	1471	15
1471	1.4	1474	1469	15
1470	1.6	1472	1467	15
1470	1.9	1473	1468	15
1470	2.0	1474	1467	15
1470	1.7	1473	1467	15
1471	.6	1472	1470	12
1473	.6	1475	1473	11
1477	.3	1478	1477	11